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* * * * * * * * * * *   Welcome to STN International   * * * * * * * * * * *
* * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * *

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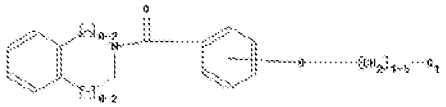

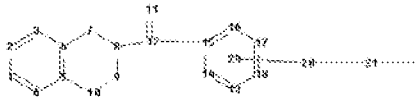

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chain nodes :
11  12  20  21  23
ring nodes :
1  2  3  4  5  6  7  8  9  10  13  14  15  16  17  18
chain bonds :
8-12  11-12  12-15  20-21  21-23
ring bonds :
1-2  1-6  2-3  3-4  4-5  4-7  5-6  5-10  7-8  8-9  9-10  13-14  13-18  14-15  15-16
16-17  17-18
exact/norm bonds :
4-5  4-7  5-6  5-10  7-8  8-9  8-12  9-10  11-12  21-23
exact bonds :
12-15  20-21
normalized bonds :
1-2  1-6  2-3  3-4  13-14  13-18  14-15  15-16  16-17  17-18
isolated ring systems :
containing 13 :


G1:N,Hy

Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:Atom  8:Atom  9:Atom  10:Atom
11:CLASS  12:CLASS  13:Atom  14:Atom  15:Atom  16:Atom  17:Atom  18:Atom  20:CLASS
21:CLASS  23:CLASS  24:Atom

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L2            2 SEA SSS SAM L1

=> s l1 full
L3          655 SEA SSS FUL L1

=> file caplus


=> s l3
L4           42 L3

=> s l4 and pd< oct 2002
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      22814425 PD< OCT 2002
                  (PD<20021000)
L5          10 L4 AND PD< OCT 2002

=> dis l5 1-10 bib abs hitstr

L5   ANSWER 1 OF 10  CAPLUS  COPYRIGHT 2008 ACS on STN
AN   2002:327915  CAPLUS  Full-text
DN   136:340593
TI   Preparation of N-(substituted)benzoyl indoles as estrogenic agents
IN   Koko, Marci C.; Ullrich, John W.; Santilli, Arthur A.
PA   American Home Products Corporation, USA
SO   U.S., 7 pp.
     CODEN: USXXAM
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.          KIND   DATE        APPLICATION NO.         DATE
     ---------------     ----   --------    --------------------    --------
PI   US 6380185           B1    20020430    US 2000-513807          20000225 <--
PRAI US 1999-155200P      P     19990304
OS   MARPAT 136:340593
GI
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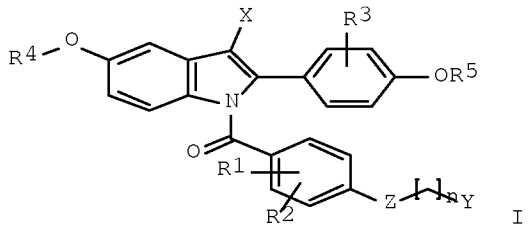

I

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AB    The title compds. [I; R1-R3 = H, halo, alkoxy, etc.; R4, R5 = H,
      (un)substituted CH2Ph; X = H, alkyl, CF3; Z = O, S; n = 2-3; Y = N(alkyl)2,
      pyrrolidino, piperidino, etc.], useful for treating or preventing disease
      states or syndromes which are caused or associated with an estrogen deficiency
      (such as bone loss) or an excess of estrogen, were prepared  E.g., a 2-step
      synthesis of the indole I [R1-R5 = H; X = Me; Z = O; n = 2; Y = piperidino]
      which showed IC50 of 2.0x10-7 M against estrogen receptor binding, was given.
IT    291546-88-8P
      RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic
      preparation); THU (Therapeutic use); BIOL (Biological study); PREP
      (Preparation); RACT (Reactant or reagent); USES (Uses)
         (preparation of N-(substituted)benzoylindoles as estrogenic agents)
RN    291546-88-8  CAPLUS
CN    1H-Indole, 3-methyl-5-(phenylmethoxy)-2-[4-(phenylmethoxy)phenyl]-1-[4-[2-
      (1-piperidinyl)ethoxy]benzoyl]- (9CI)  (CA INDEX NAME)
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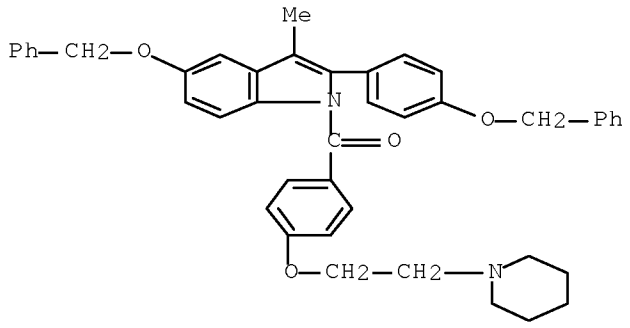
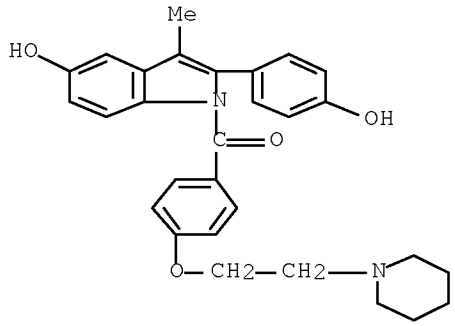


IT 291546-89-9P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of N-(substituted)benzoylindoles as estrogenic agents)
RN 291546-89-9 CAPLUS
CN 1H-Indol-5-ol, 2-(4-hydroxyphenyl)-3-methyl-1-[4-[2-(1-piperidinyl)ethoxy]benzoyl]- (9CI) (CA INDEX NAME)



RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2002:122973 CAPLUS Full-text
DN 136:167379
TI Preparation of amidino-oxazines and derivatives as protease inhibitors
IN Wang, Aihua; Lu, Tianbao; Tomczuk, Bruce E.; Soll, Richard M.; Spurlino, John C.; Bone, Roger F.
PA 3-Dimensional Pharmaceuticals, Inc., USA
SO PCT Int. Appl., 79 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002012207	A1	20020214	WO 2001-US24251	20010802 <--

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,

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            GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
            LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,
            RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ,
            VN, YU, ZA, ZW
        RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
            DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
            BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
    CA 2417914          A1    20020214    CA 2001-2417914        20010802 <--
    AU 2001077242       A     20020218    AU 2001-77242          20010802 <--
    US 20020022615      A1    20020221    US 2001-919815         20010802 <--
    US 6635637          B2    20031021
    EP 1307432          A1    20030507    EP 2001-955035         20010802
        R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
            IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
    JP 2004505956       T     20040226    JP 2002-518184         20010802
    MX 2003PA00963      A     20040405    MX 2003-PA963          20030131
PRAI US 2000-223223P    P     20000804
    WO 2001-US24251     W     20010802
OS  MARPAT 136:167379
GI
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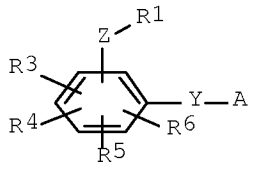

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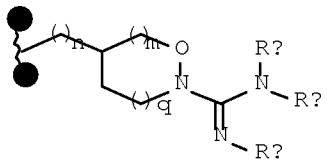

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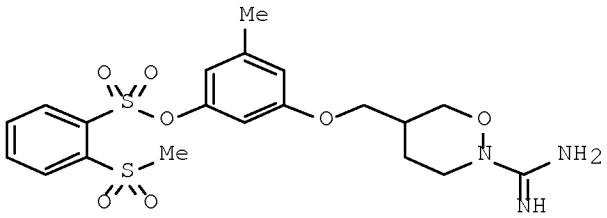


III

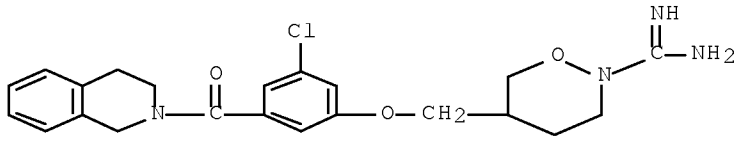
AB Title compds. I [R1 = alk(en/yn)yl, cycloalkyl, aryl, aralkyl or heteroaryl; Z = OSO2, SO2O, alkoxy, etc.; R3-6 = H, alk(en/yn)yl, cycloalkyl, (hetero)aryl, aralkyl, trifluoromethyl, halo, etc.; Y = O, aza, S, alkyl or a covalent bond; A = II and derivs. thereof; Ra-c = H, alkyl, hydroxy, alkoxy, aryloxy, aralkoxy, alkoxycarbonyloxy, cyano, carboxy; n, m and q = 0-4 provided that n, m, and q are not all zero] were prepared For instance, diethylmalonate was converted to tert-Bu 5-(hydroxymethyl)tetrahydro-1,2-oxazin-2-carboxylate in 8 steps in 12% yield. This ester was coupled to 3-hydroxy-5-methylphenyl 2-(methylsulfonyl)benzenesulfonate (THF, Ph3P, DEAD), the resulting adduct deprotected (CH2Cl2, TFA) and converted to III using N,N'-bis(tert-butoxycarbonyl)-1H-pyrazole-1-carboxamide followed by treatment with TFA. III had Ki = 7 nM for thrombin. I exhibit antithrombotic activity via selective inhibition of thrombin, or are intermediates useful for forming compds. having antithrombotic activity. I are also anticoagulants either embedded in or phys. linked to materials used in the manufacture of devices used in blood

collection, blood circulation, and blood storage, such as catheters, blood dialysis machines, blood collection syringes and tubes, blood lines and stents.

IT 396729-20-7P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug; preparation of amidino-oxazines/cyclic guanidines and derivs. as protease inhibitors)

RN 396729-20-7 CAPLUS

CN 2H-1,2-Oxazine-2-carboximidamide, 5-[[3-chloro-5-[(3,4-dihydro-2(1H)-isoquinolinyl)carbonyl]phenoxy]methyl]tetrahydro- (CA INDEX NAME)



RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2001:713343 CAPLUS Full-text

DN 135:272894

TI Preparation of β-amino acid derivatives as inhibitors of matrix metalloproteases and TNF-α

IN Duan, Jingwu; King, Bryan W.; Decicco, Carl; Maduskuie, Thomas P., Jr.; Voss, Matthew E.

PA Dupont Pharmaceuticals Company, USA

SO PCT Int. Appl., 483 pp.
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001070734	A2	20010927	WO 2001-US8336	20010315 <--
WO 2001070734	A3	20020314		
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RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
CA 2400168	A1	20010927	CA 2001-2400168	20010315 <--
AU 2001050850	A	20011003	AU 2001-50850	20010315 <--
EP 1263756	A2	20021211	EP 2001-924171	20010315
EP 1263756	B1	20040225		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR				
BR 2001009469	A	20030429	BR 2001-9469	20010315
JP 2003528097	T	20030924	JP 2001-568935	20010315
AT 260272	T	20040315	AT 2001-924171	20010315
NZ 521245	A	20040430	NZ 2001-521245	20010315
ES 2215893	T3	20041016	ES 2001-924171	20010315
US 20020013341	A1	20020131	US 2001-811116	20010316 <--

	US 6495565	B2	20021217		
	IN 2002MN01075	A	20050304	IN 2002-MN1075	20020808
	HK 1049334	A1	20040716	HK 2003-101437	20030226
PRAI	US 2000-190183P	P	20000317		
	US 2000-235467P	P	20000926		
	US 2000-252062P	P	20001120		
	WO 2001-US8336	W	20010315		

OS MARPAT 135:272894

AB Novel β-amino acid derivs. A-CR3R4aCR2R4NR1CO-X-Z-Ua-Xa-Ya-Za [A = CO2H, SH, CH2SH, S(O)Ra:NH (Ra = H, alkyl), P(O)(OH)2, etc.; X, Xa is absent or alkylene, alkenylene or alkynylene; Z is absent or substituted C3-13 carbocycle or 5-14 membered heterocycle; Ua is absent or O, NRa1 [Ra1 = H, (un)substituted alkyl, alkenyl or alkynyl; Ra and Ra1 may form a ring], CO, CO2, O2C, CONRa1, S(O)p (p = 0-2), etc.; Ya is absent or O, NRa1, S(O)p or CO; Za is H, substituted C3-13 carbocycle or 5-14 membered heterocycle; R1 is H, alkyl, Ph, benzyl; R2 is Q (Q is H, substituted carbocycle or heterocycle), alkylene-Q, (CRaRa1)r1O(CRaRa1)r-Q (r, r1 = 0-4), (CRaRa1)r1NRa(CRaRa1)r-Q, etc.; R3 = Q1 (Q1 is any group given for Q), alkylene-Q1, (CRaRa1)r1O(CRaRa1)r-Q1, (CRaRa1)r1NRa(CRaRa1)r-Q1, etc.; R4, R4a = H, substituted alkyl, alkenyl or alkynyl; alternatively R1 and R2, R1 and R3, R3 and R4a may form rings (with provisos)] or a stereoisomer or pharmaceutically acceptable salt were prepared as metalloprotease and TNF-α inhibitors. Thus, N-hydroxy-1-[[4-[(2- methyl-4-quinolinyl)methoxy]phenyl]acetyl]-3-azetidinecarboxamide was prepared by a multistep procedure involving reactions of Me 4-hydroxyphenylacetate, 2-methyl-4-quinolinylmethanol, and 3-azetidinecarboxylic acid Me ester.

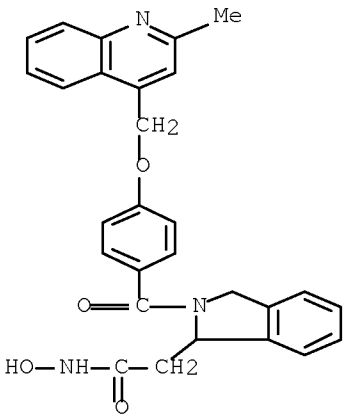
IT 362697-24-3P 362697-25-4P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of β-amino acid derivs. as inhibitors of matrix metalloproteases and TNF-α)

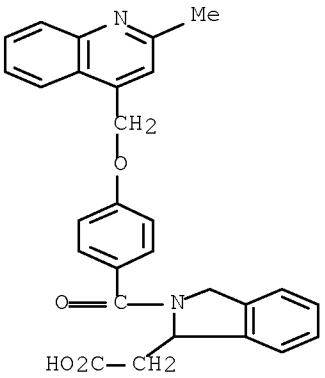
RN 362697-24-3 CAPLUS

CN 1H-Isoindole-1-acetamide, 2,3-dihydro-N-hydroxy-2-[4-[(2-methyl-4-quinolinyl)methoxy]benzoyl]- (CA INDEX NAME)

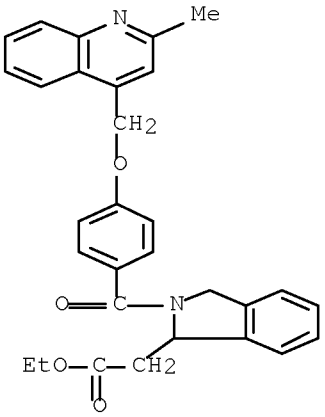


RN 362697-25-4 CAPLUS

CN 1H-Isoindole-1-acetic acid, 2,3-dihydro-2-[4-[(2-methyl-4-quinolinyl)methoxy]benzoyl]- (CA INDEX NAME)



IT 362703-11-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of β-amino acid derivs. as inhibitors of matrix metalloproteases and TNF-α)
RN 362703-11-5 CAPLUS
CN 1H-Isoindole-1-acetic acid, 2,3-dihydro-2-[4-[(2-methyl-4-quinolinyl)methoxy]benzoyl]-, ethyl ester (CA INDEX NAME)



L5 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2001:676748 CAPLUS Full-text
DN 135:242135
TI Preparation process of indole derivatives and use thereof as DP receptor antagonists
IN Torisu, Kazuhiko; Kobayashi, Kaoru; Nambu, Fumio
PA Ono Pharmaceutical Co., Ltd., Japan
SO PCT Int. Appl., 277 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

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PI   WO 2001066520        A1    20010913    WO 2001-JP1817         20010308 <--
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             HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS,
             LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO,
             RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ,
             VN, YU, ZA, ZW
         RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
             DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
             BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
     CA 2402174           A1    20010913    CA 2001-2402174        20010308 <--
     AU 2001041068        A     20010917    AU 2001-41068          20010308 <--
     EP 1262475           A1    20021204    EP 2001-912193         20010308
         R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
     HU 2003001493        A2    20030828    HU 2003-1493           20010308
     BR 2001009050        A     20040427    BR 2001-9050           20010308
     NZ 521192            A     20050128    NZ 2001-521192         20010308
     RU 2259998           C2    20050910    RU 2002-123882         20010308
     ZA 2002007031        A     20030306    ZA 2002-7031           20020902
     NO 2002004281        A     20021108    NO 2002-4281           20020906
     MX 2002PA08801       A     20030707    MX 2002-PA8801         20020909
     US 20030176400       A1    20030918    US 2002-220806         20021213
     US 6743793           B2    20040601
     US 20040180885       A1    20040916    US 2004-793725         20040308
     US 7098234           B2    20060829
PRAI JP 2000-64696        A     20000309
     JP 2000-231857       A     20000731
     WO 2001-JP1817       W     20010308
     US 2002-220806       A3    20021213
OS   CASREACT 135:242135; MARPAT 135:242135
GI
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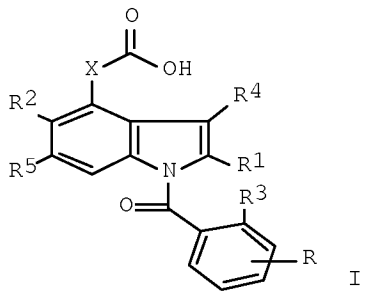


I

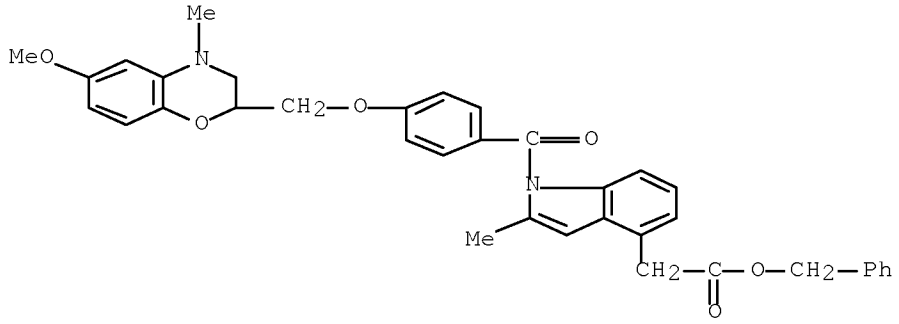
AB A process for preparing title compds. [I; R = 4-O(CH2)2CH3, 4-O(CH2)4CH3, 4-O(CH2)2C6H5, 4-O(CH2)3CH3, 4-O(CH2)2CH(CH3)2, 4-O(CH2)2OCH2CH3, 4-OCH2C6H5, 4-(CH2)2C6H5, 4-CH3OC6H5(CH2)2O, 4-OCH2CH2OCH(CH3)2, 4-(4-CH3OC6H4)CH2O, 4-O(CH2)2SCH2CH3, 4-O(CH2)2C(CH3)3, 4-OCH2C6H5, 4-OCH2CH3, 4-C6H5, 4-hetereocyclylalkoxy, 3-O(CH2)2CH3, 3-O(CH2)4CH3, 4-heterocyclylcarbonylamino; R1 = CH3, H, CH2CH3; R2 = H, OCH3, CH3; R3 = H, OCH3; R4 = H, 4-CH3OC6H4CH2, CH3, CH2OCH3; R5 = H, OCH3; X = CH2, single bond, OCH2, CH:CH, CH2CH2] as DP receptor antagonists are presented. Title compds. I, bind to DP receptor to exhibit antagonism, and therefore are useful in prevention and/or treatment of allergic diseases (such as allergic rhinitis, allergic conjunctivitis, atopic dermatitis, bronchial asthma, food allergy, systemic mastocytosis, disorders

due to systemic mastocyte activation, anaphylactic shock, tracheal constriction, urticaria, and eczema), diseases accompanied with itching (such as atopic dermatitis and urticaria), secondary diseases caused by scratching, beating or other behaviors attendant on itching (such as cataract, retinal detachment, inflammation, infection, and sleep disorder), inflammation, chronic obstructive lung disease, reflow disturbance occurring after the recovery from the ischemic conditions, cerebrovascular disease, pleuritis complicated by rheumatoid arthritis, ulcerative colitis, and other diseases. Thus, the title compound I (R = O(CH2)2C6H5; R1 = CH3; R2 = H) was prepared

IT 359586-18-8P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation process of indole derivs. and use thereof as DP receptor antagonists)

RN 359586-18-8 CAPLUS

CN 1H-Indole-4-acetic acid, 1-[4-[(3,4-dihydro-6-methoxy-4-methyl-2H-1,4-benzoxazin-2-yl)methoxy]benzoyl]-2-methyl-, phenylmethyl ester (CA INDEX NAME)



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359583-85-0P 359583-88-3P 359583-89-4P
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359584-08-0P 359584-12-6P 359584-13-7P
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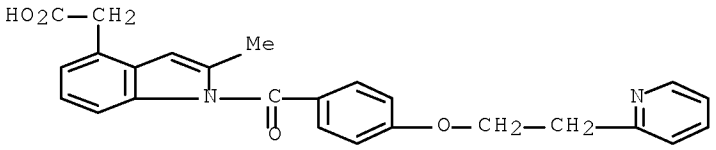
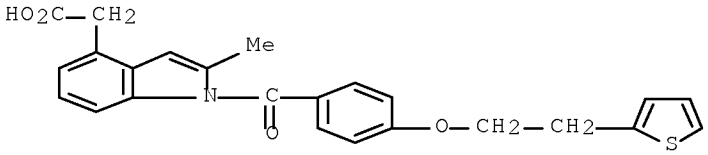
359585-84-5P 359585-85-6P 359585-86-7P
359585-87-8P 359585-88-9P 359585-89-0P
359585-90-3P 359585-91-4P 359585-94-7P
360580-84-3P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation process of indole derivs. and use thereof as DP receptor antagonists)

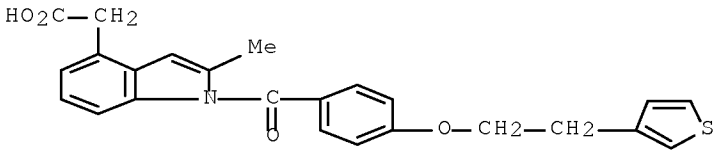
RN 359582-85-7 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[2-(2-pyridinyl)ethoxy]benzoyl]- (CA INDEX NAME)



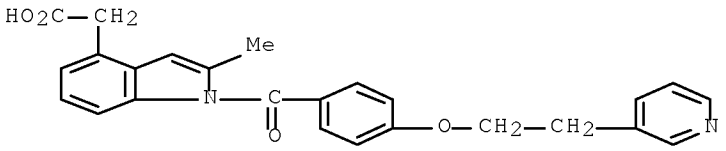
RN 359582-96-0 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[2-(2-thienyl)ethoxy]benzoyl]- (CA INDEX NAME)



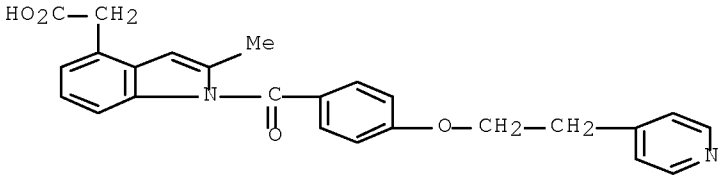
RN 359583-02-1 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[2-(3-thienyl)ethoxy]benzoyl]- (CA INDEX NAME)



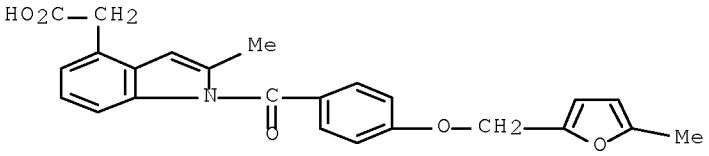
RN 359583-11-2 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[2-(3-pyridinyl)ethoxy]benzoyl]- (CA INDEX NAME)



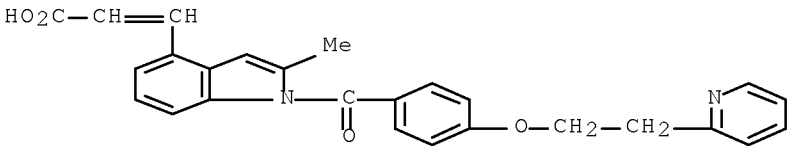
RN 359583-12-3 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[2-(4-pyridinyl)ethoxy]benzoyl]- (CA INDEX NAME)



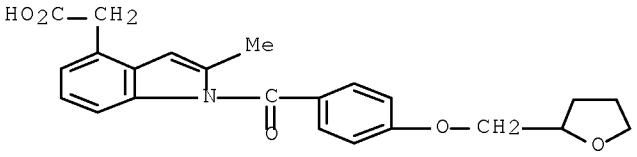
RN 359583-19-0 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[(5-methyl-2-furanyl)methoxy]benzoyl]- (CA INDEX NAME)



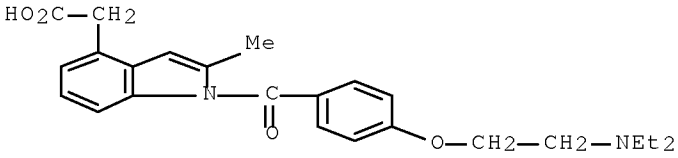
RN 359583-63-4 CAPLUS
CN 2-Propenoic acid, 3-[2-methyl-1-[4-[2-(2-pyridinyl)ethoxy]benzoyl]-1H-indol-4-yl]- (CA INDEX NAME)



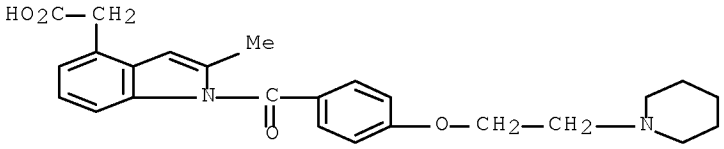
RN 359583-83-8 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[(tetrahydro-2-furanyl)methoxy]benzoyl]- (CA INDEX NAME)



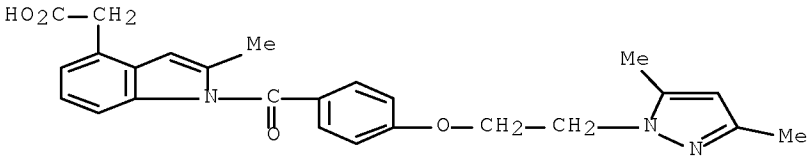
RN 359583-84-9 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[2-(diethylamino)ethoxy]benzoyl]-2-methyl- (CA INDEX NAME)



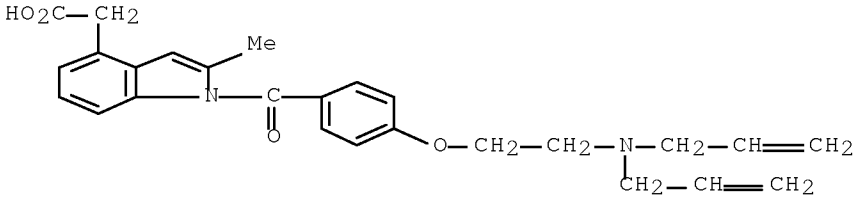
RN 359583-85-0 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[2-(1-piperidinyl)ethoxy]benzoyl]- (CA INDEX NAME)



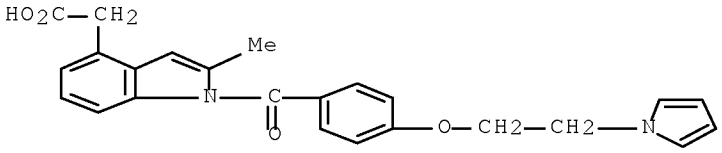
RN 359583-88-3 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[2-(3,5-dimethyl-1H-pyrazol-1-yl)ethoxy]benzoyl]-2-methyl- (CA INDEX NAME)



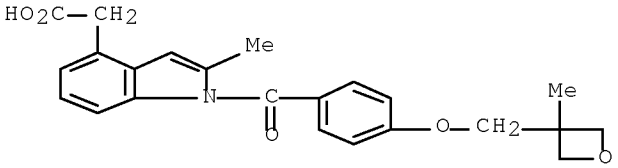
RN 359583-89-4 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[2-(di-2-propen-1-ylamino)ethoxy]benzoyl]-2-methyl- (CA INDEX NAME)



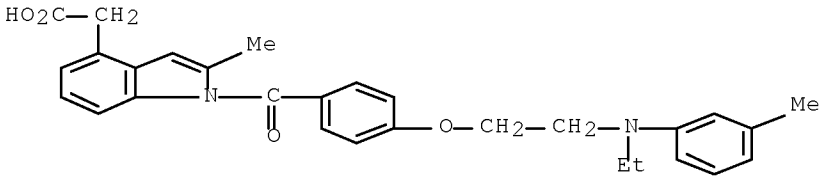
RN 359583-93-0 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[2-(1H-pyrrol-1-yl)ethoxy]benzoyl]- (CA INDEX NAME)



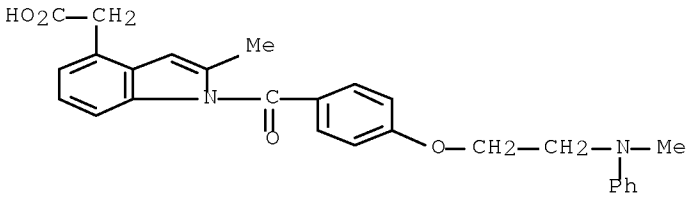
RN 359584-06-8 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[(3-methyl-3-oxetanyl)methoxy]benzoyl]- (CA INDEX NAME)



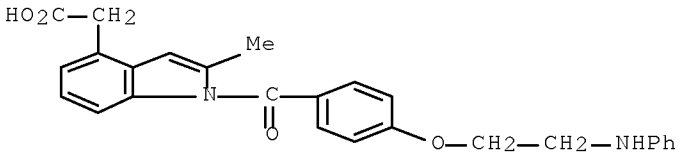
RN 359584-07-9 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[2-[ethyl(3-methylphenyl)amino]ethoxy]benzoyl]-2-methyl- (CA INDEX NAME)



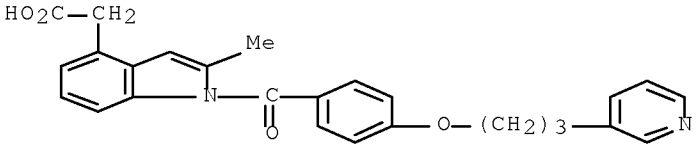
RN 359584-08-0 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[2-(methylphenylamino)ethoxy]benzoyl]- (CA INDEX NAME)



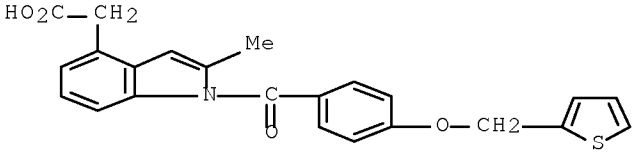
RN 359584-12-6 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[2-(phenylamino)ethoxy]benzoyl]- (CA INDEX NAME)



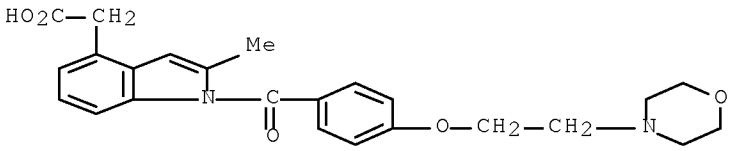
RN 359584-13-7 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[3-(3-pyridinyl)propoxy]benzoyl]- (CA INDEX NAME)



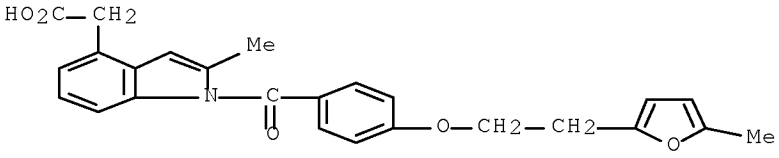
RN 359584-18-2 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-(2-thienylmethoxy)benzoyl]- (CA INDEX NAME)



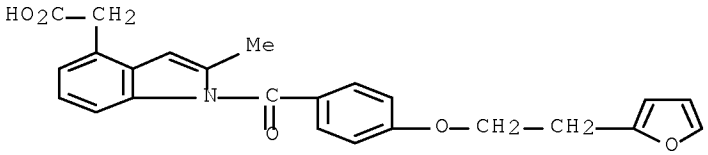
RN 359584-20-6 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[2-(4-morpholinyl)ethoxy]benzoyl]- (CA INDEX NAME)



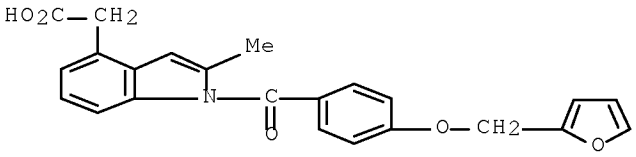
RN 359584-23-9 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[2-(5-methyl-2-furanyl)ethoxy]benzoyl]- (CA INDEX NAME)



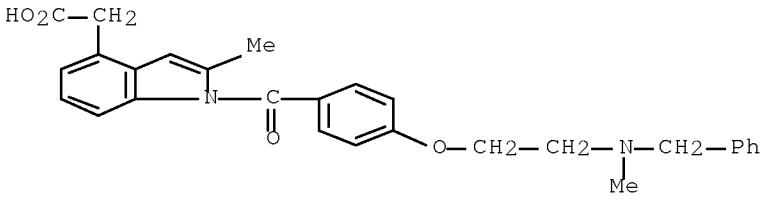
RN 359584-24-0 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[2-(2-furanyl)ethoxy]benzoyl]-2-methyl- (CA INDEX NAME)



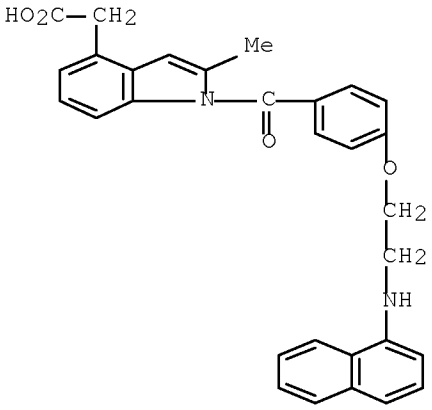
RN 359584-37-5 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-(2-furanylmethoxy)benzoyl]-2-methyl- (CA INDEX NAME)



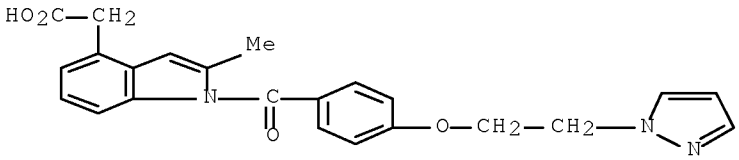
RN 359584-38-6 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[2-[methyl(phenylmethyl)amino]ethoxy]benzoyl]- (CA INDEX NAME)



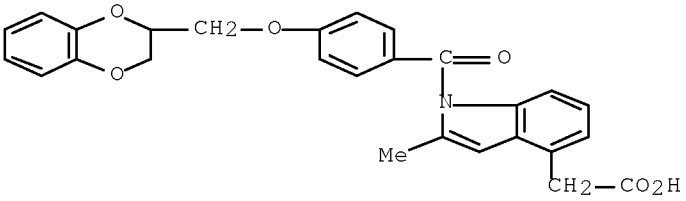
RN 359584-43-3 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[2-(1-naphthalenylamino)ethoxy]benzoyl]- (CA INDEX NAME)



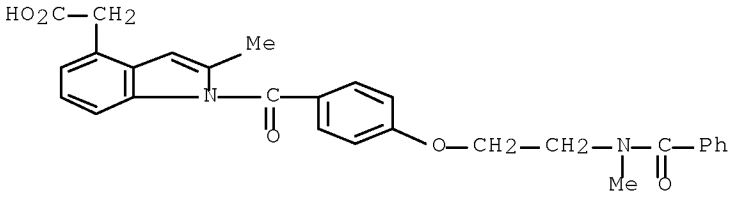
RN 359584-45-5 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[2-(1H-pyrazol-1-yl)ethoxy]benzoyl]- (CA INDEX NAME)



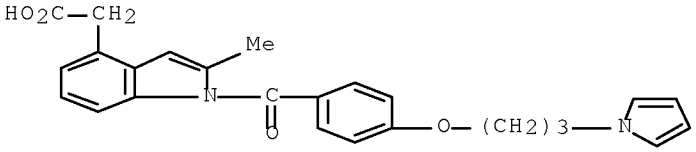
RN 359584-50-2 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(2,3-dihydro-1,4-benzodioxin-2-yl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



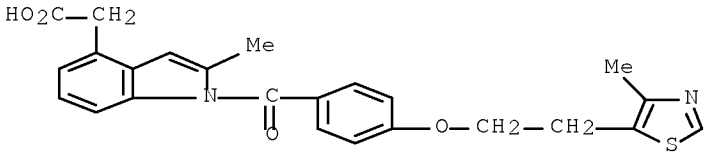
RN 359584-56-8 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[2-(benzoylmethylamino)ethoxy]benzoyl]-2-methyl- (CA INDEX NAME)



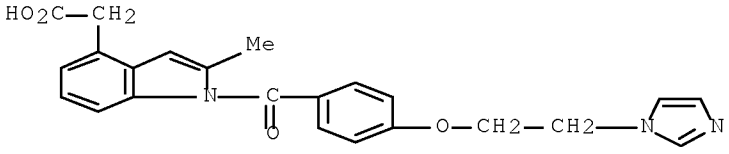
RN 359584-58-0 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[3-(1H-pyrrol-1-yl)propoxy]benzoyl]- (CA INDEX NAME)



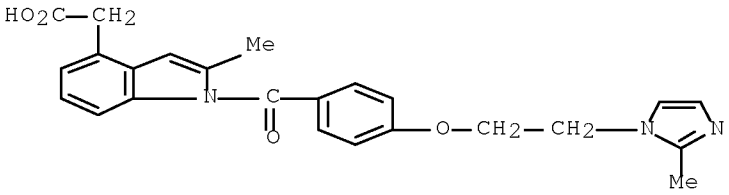
RN 359584-74-0 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[2-(4-methyl-5-thiazolyl)ethoxy]benzoyl]- (CA INDEX NAME)



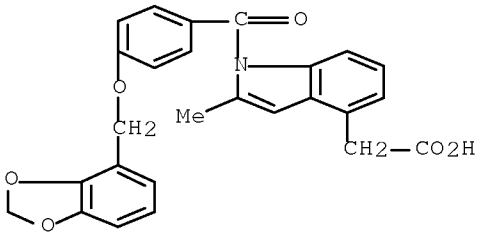
RN 359584-75-1 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[2-(1H-imidazol-1-yl)ethoxy]benzoyl]-2-methyl- (CA INDEX NAME)



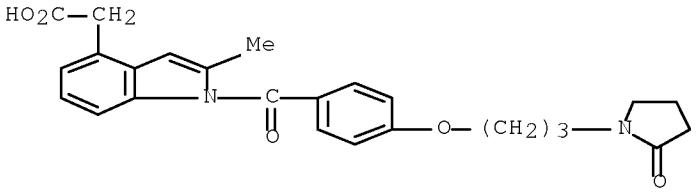
RN 359584-76-2 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[2-(2-methyl-1H-imidazol-1-yl)ethoxy]benzoyl]- (CA INDEX NAME)



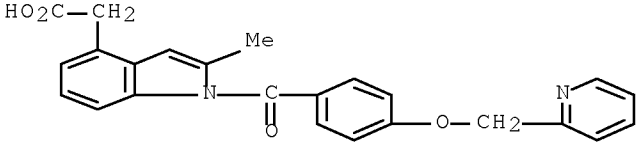
RN 359584-77-3 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-(1,3-benzodioxol-4-ylmethoxy)benzoyl]-2-methyl- (CA INDEX NAME)



RN 359584-79-5 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[3-(2-oxo-1-pyrrolidinyl)propoxy]benzoyl]- (CA INDEX NAME)

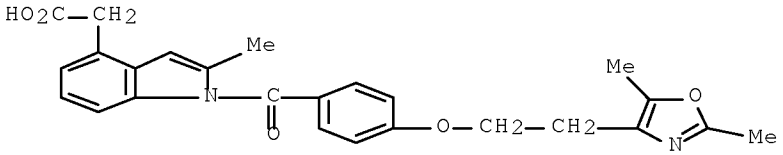


RN 359584-80-8 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-(2-pyridinylmethoxy)benzoyl]- (CA INDEX NAME)

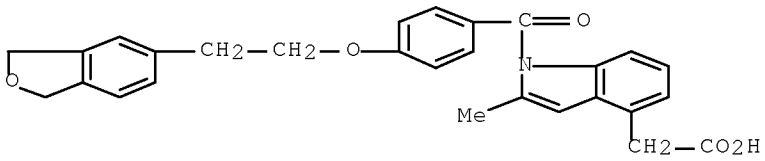


RN 359584-92-2 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[2-(2,5-dimethyl-4-oxazolyl)ethoxy]benzoyl]-

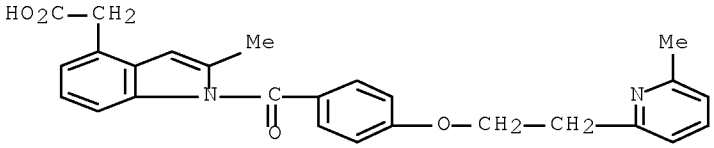
2-methyl- (CA INDEX NAME)



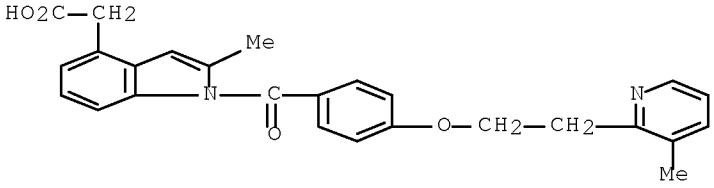
RN 359584-95-5 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[2-(1,3-dihydro-5-isobenzofuranyl)ethoxy]benzoyl]-2-methyl- (CA INDEX NAME)



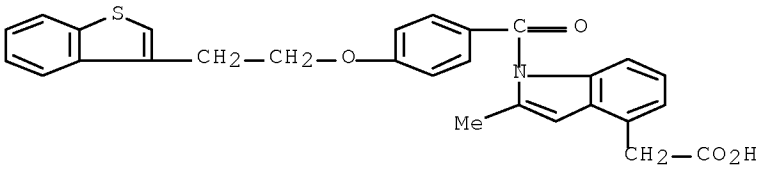
RN 359584-97-7 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[2-(6-methyl-2-pyridinyl)ethoxy]benzoyl]- (CA INDEX NAME)



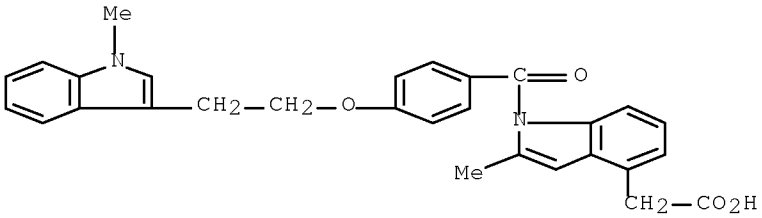
RN 359584-98-8 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[2-(3-methyl-2-pyridinyl)ethoxy]benzoyl]- (CA INDEX NAME)



RN 359585-00-5 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-(2-benzo[b]thien-3-ylethoxy)benzoyl]-2-methyl- (CA INDEX NAME)

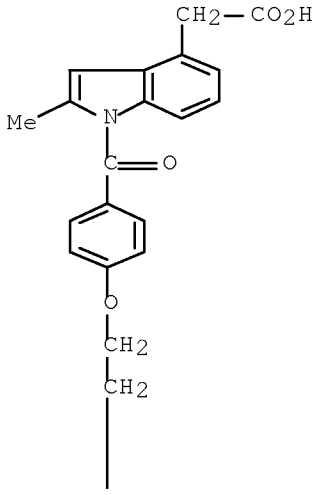


RN 359585-07-2 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[2-(1-methyl-1H-indol-3-yl)ethoxy]benzoyl]- (CA INDEX NAME)

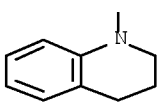


RN 359585-09-4 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[2-(3,4-dihydro-1(2H)-quinolinyl)ethoxy]benzoyl]-2-methyl- (CA INDEX NAME)

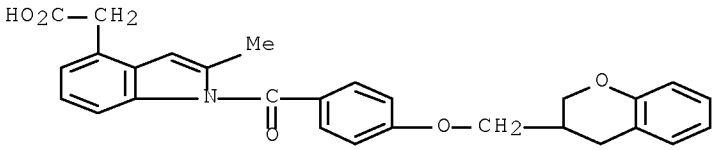
PAGE 1-A



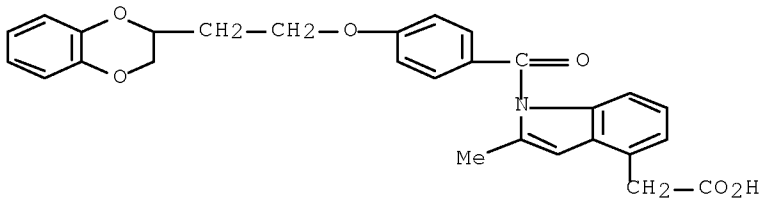
PAGE 2-A



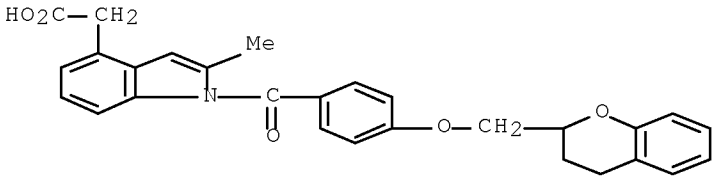
RN 359585-13-0 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(3,4-dihydro-2H-1-benzopyran-3-yl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



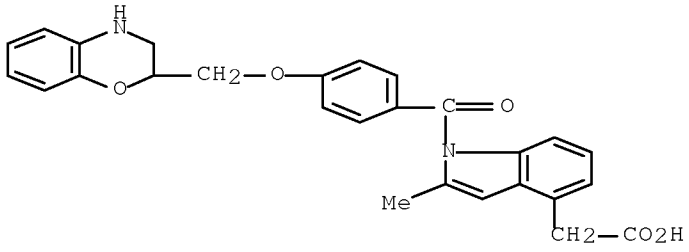
RN 359585-15-2 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[2-(2,3-dihydro-1,4-benzodioxin-2-yl)ethoxy]benzoyl]-2-methyl- (CA INDEX NAME)



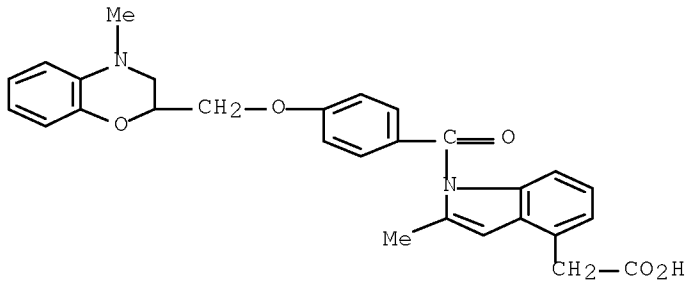
RN 359585-16-3 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(3,4-dihydro-2H-1-benzopyran-2-yl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



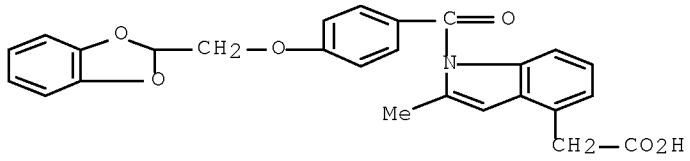
RN 359585-17-4 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(3,4-dihydro-2H-1,4-benzoxazin-2-yl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



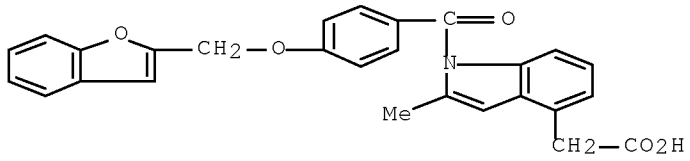
RN 359585-18-5 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(3,4-dihydro-4-methyl-2H-1,4-benzoxazin-2-yl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



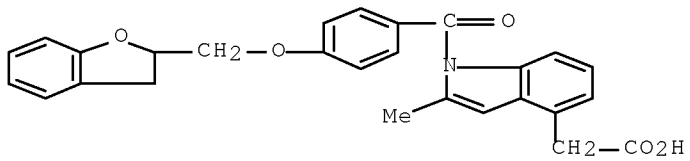
RN 359585-19-6 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-(1,3-benzodioxol-2-ylmethoxy)benzoyl]-2-methyl- (CA INDEX NAME)



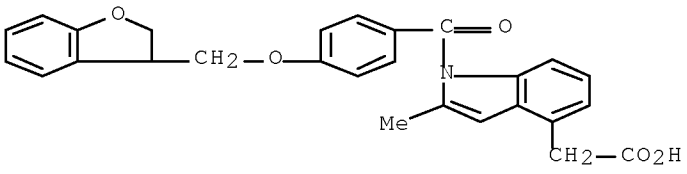
RN 359585-20-9 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-(2-benzofuranylmethoxy)benzoyl]-2-methyl- (CA INDEX NAME)



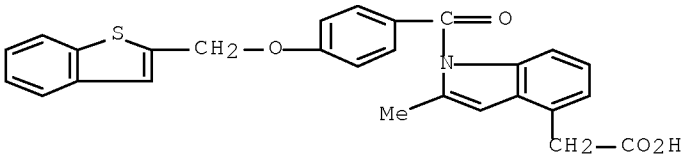
RN 359585-21-0 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(2,3-dihydro-2-benzofuranyl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



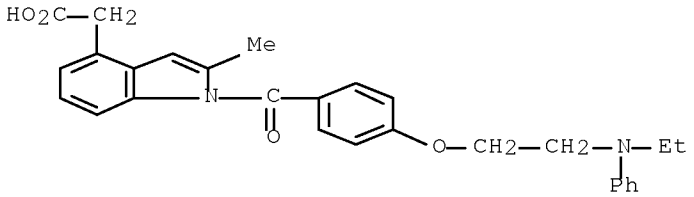
RN 359585-23-2 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(2,3-dihydro-3-benzofuranyl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



RN 359585-27-6 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-(benzo[b]thien-2-ylmethoxy)benzoyl]-2-methyl- (CA INDEX NAME)



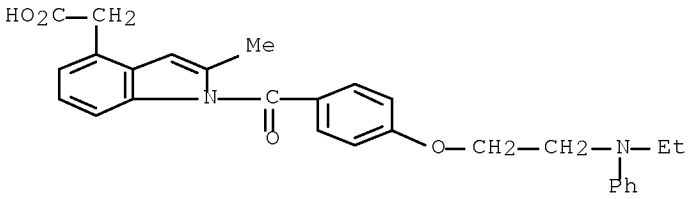
RN 359585-29-8 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[2-(ethylphenylamino)ethoxy]benzoyl]-2-methyl- (CA INDEX NAME)



RN 359585-30-1 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[2-(ethylphenylamino)ethoxy]benzoyl]-2-methyl-, monoacetate (9CI) (CA INDEX NAME)

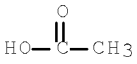
CM 1

CRN 359585-29-8
CMF C28 H28 N2 O4

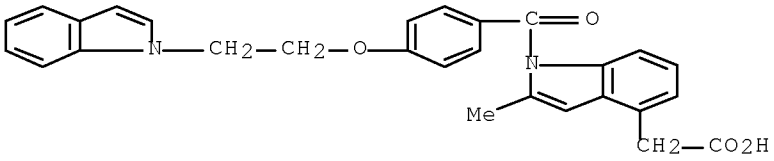


CM 2

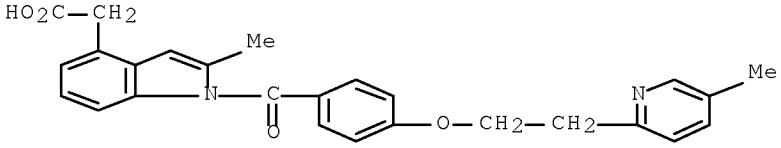
CRN 64-19-7
CMF C2 H4 O2



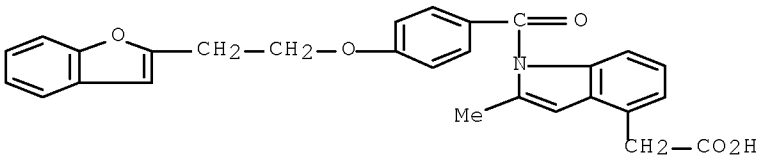
RN 359585-31-2 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[2-(1H-indol-1-yl)ethoxy]benzoyl]-2-methyl- (CA INDEX NAME)



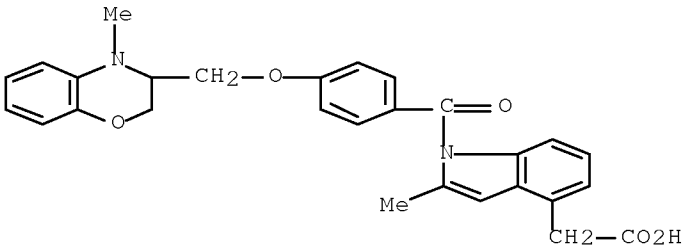
RN 359585-32-3 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[2-(5-methyl-2-pyridinyl)ethoxy]benzoyl]- (CA INDEX NAME)



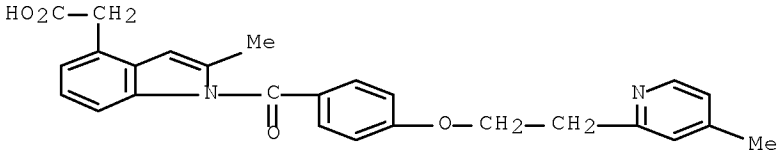
RN 359585-33-4 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[2-(2-benzofuranyl)ethoxy]benzoyl]-2-methyl- (CA INDEX NAME)



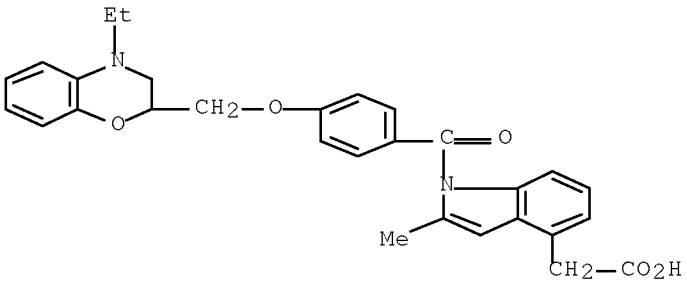
RN 359585-34-5 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(3,4-dihydro-4-methyl-2H-1,4-benzoxazin-3-yl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



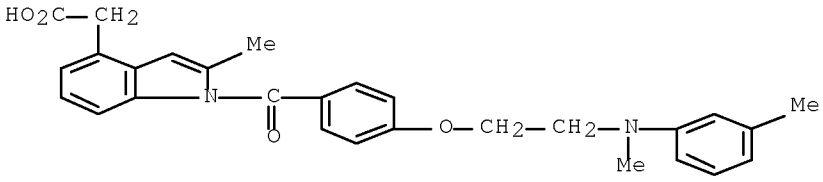
RN 359585-36-7 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[2-(4-methyl-2-pyridinyl)ethoxy]benzoyl]- (CA INDEX NAME)



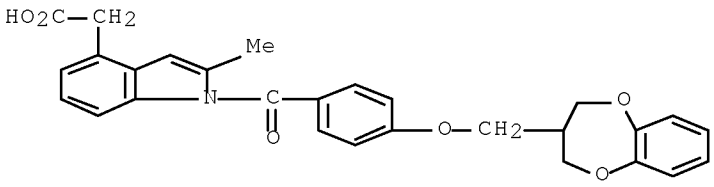
RN 359585-37-8 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(4-ethyl-3,4-dihydro-2H-1,4-benzoxazin-2-yl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



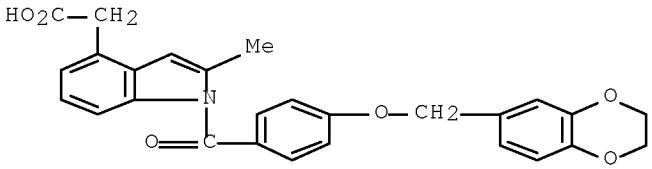
RN 359585-38-9 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[2-[methyl(3-methylphenyl)amino]ethoxy]benzoyl]- (CA INDEX NAME)



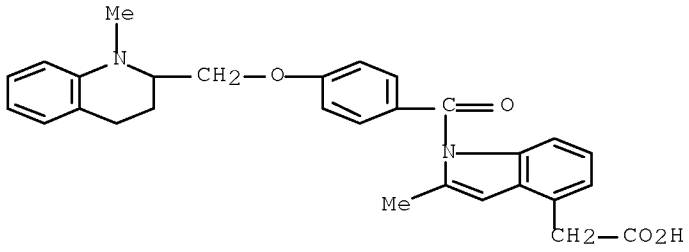
RN 359585-40-3 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(3,4-dihydro-2H-1,5-benzodioxepin-3-yl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



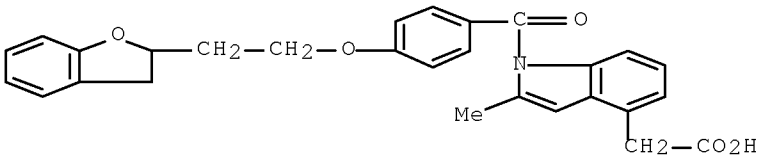
RN 359585-41-4 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(2,3-dihydro-1,4-benzodioxin-6-yl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



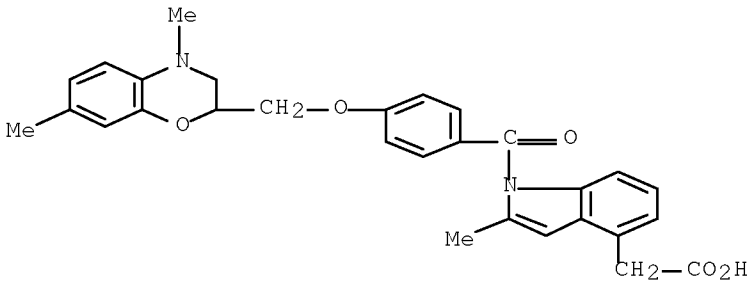
RN 359585-43-6 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[(1,2,3,4-tetrahydro-1-methyl-2-quinolinyl)methoxy]benzoyl]- (CA INDEX NAME)



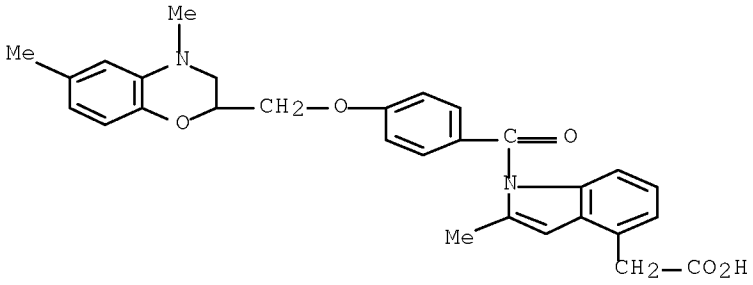
RN 359585-44-7 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[2-(2,3-dihydro-2-benzofuranyl)ethoxy]benzoyl]-2-methyl- (CA INDEX NAME)



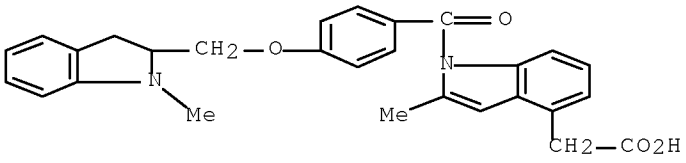
RN 359585-45-8 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(3,4-dihydro-4,7-dimethyl-2H-1,4-benzoxazin-2-yl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



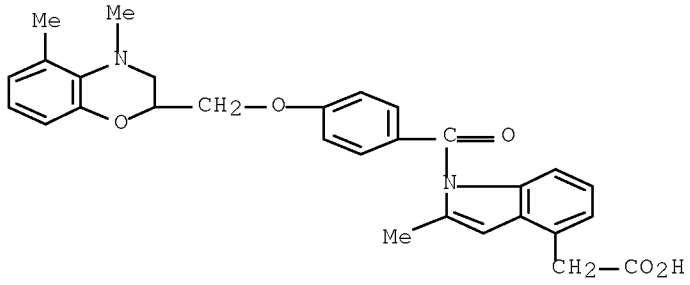
RN 359585-46-9 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(3,4-dihydro-4,6-dimethyl-2H-1,4-benzoxazin-2-yl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



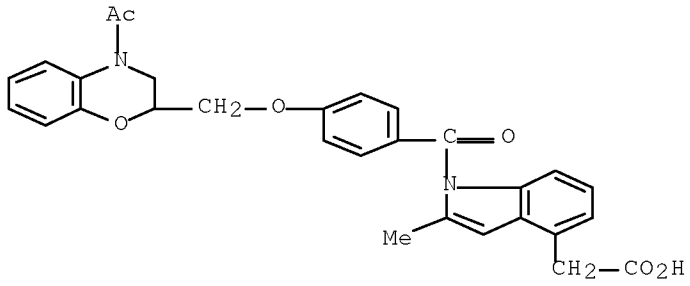
RN 359585-47-0 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(2,3-dihydro-1-methyl-1H-indol-2-yl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



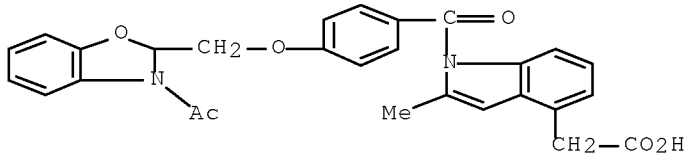
RN 359585-48-1 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(3,4-dihydro-4,5-dimethyl-2H-1,4-benzoxazin-2-yl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



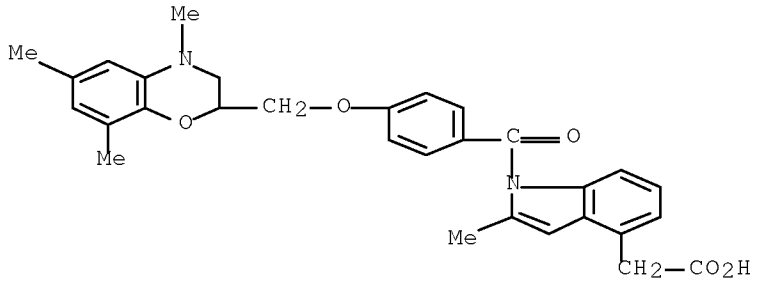
RN 359585-49-2 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(4-acetyl-3,4-dihydro-2H-1,4-benzoxazin-2-yl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



RN 359585-50-5 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(3-acetyl-2,3-dihydro-2-benzoxazolyl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



RN 359585-51-6 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(3,4-dihydro-4,6,8-trimethyl-2H-1,4-benzoxazin-2-yl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



RN 359585-53-8 CAPLUS
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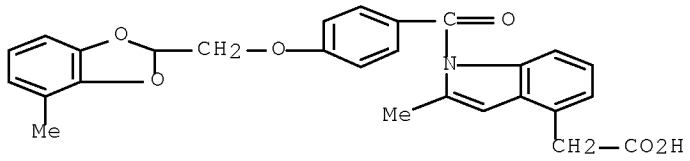
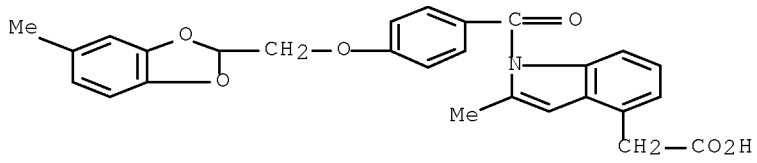


RN 359585-54-9 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[(5-methyl-1,3-benzodioxol-2-yl)methoxy]benzoyl]- (CA INDEX NAME)



RN 359585-57-2 CAPLUS
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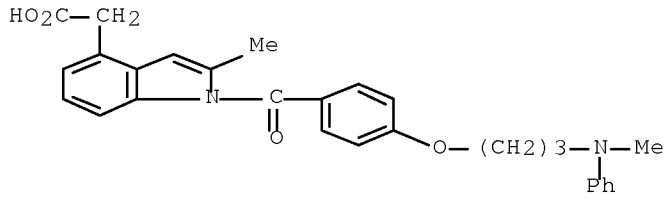
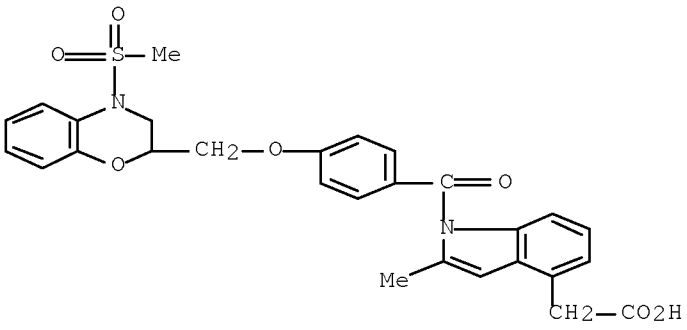
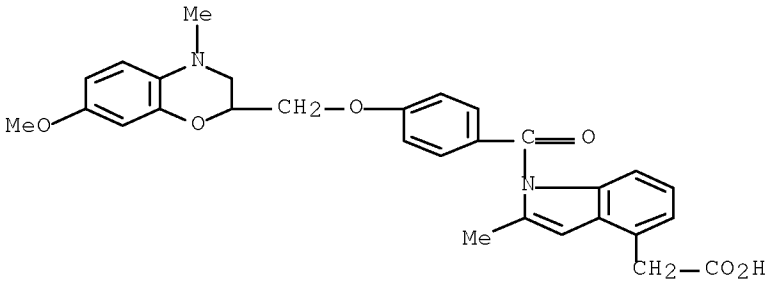


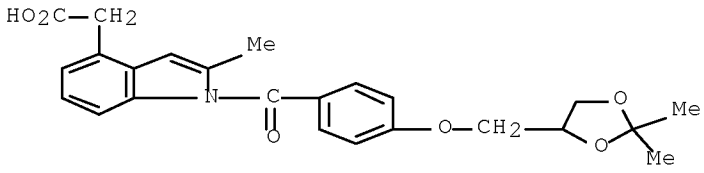
RN 359585-58-3 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[[3,4-dihydro-4-(methylsulfonyl)-2H-1,4-benzoxazin-2-yl]methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



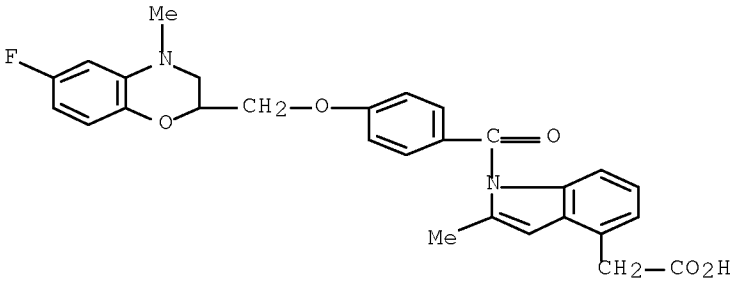
RN 359585-59-4 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(3,4-dihydro-7-methoxy-4-methyl-2H-1,4-benzoxazin-2-yl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



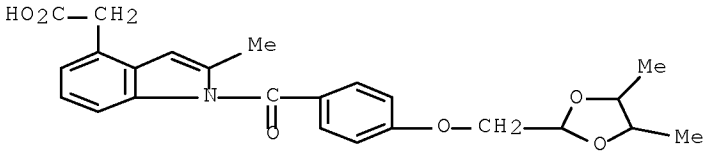
RN 359585-60-7 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(2,2-dimethyl-1,3-dioxolan-4-yl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



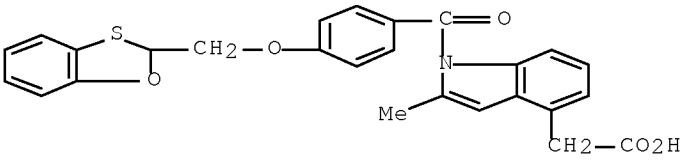
RN 359585-61-8 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(6-fluoro-3,4-dihydro-4-methyl-2H-1,4-benzoxazin-2-yl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



RN 359585-62-9 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(4,5-dimethyl-1,3-dioxolan-2-yl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)

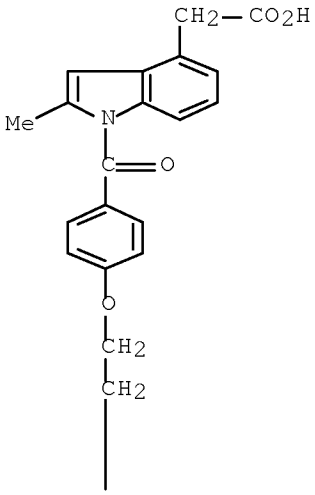


RN 359585-64-1 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-(1,3-benzoxathiol-2-ylmethoxy)benzoyl]-2-methyl- (CA INDEX NAME)

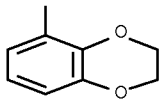


RN 359585-65-2 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[2-(2,3-dihydro-1,4-benzodioxin-5-yl)ethoxy]benzoyl]-2-methyl- (CA INDEX NAME)

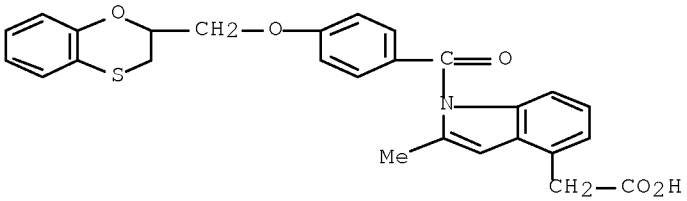
PAGE 1-A



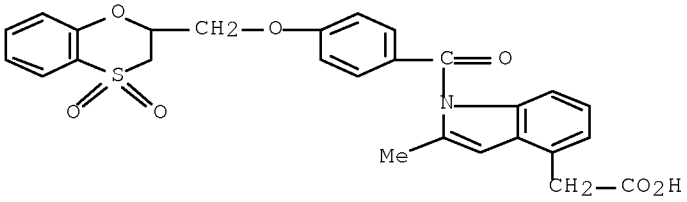
PAGE 2-A



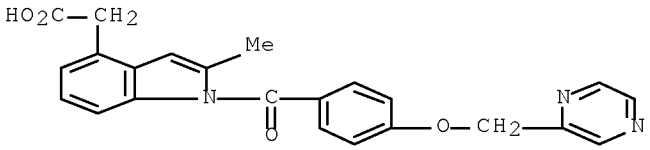
RN 359585-66-3 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(2,3-dihydro-1,4-benzoxathiin-2-yl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



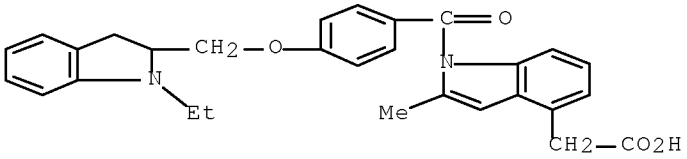
RN 359585-67-4 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(2,3-dihydro-4,4-dioxido-1,4-benzoxathiin-2-yl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



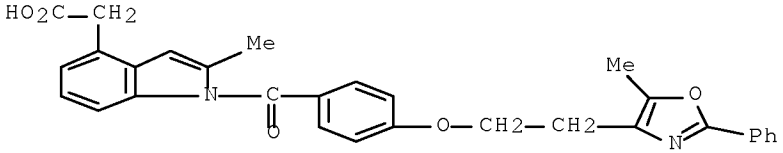
RN 359585-68-5 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-(2-pyrazinylmethoxy)benzoyl]- (CA INDEX NAME)



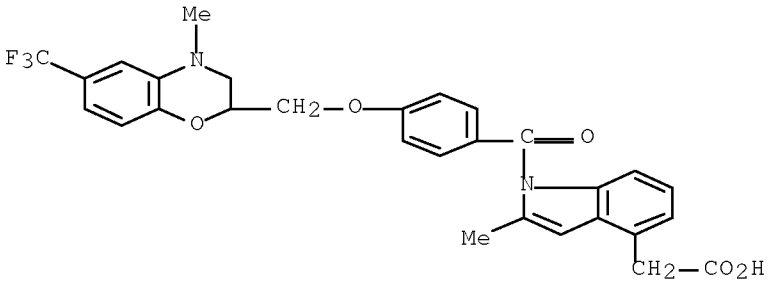
RN 359585-69-6 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(1-ethyl-2,3-dihydro-1H-indol-2-yl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



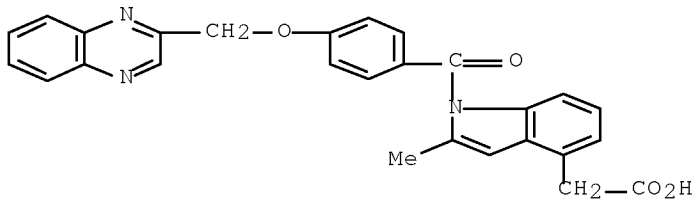
RN 359585-70-9 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[2-(5-methyl-2-phenyl-4-oxazolyl)ethoxy]benzoyl]- (CA INDEX NAME)



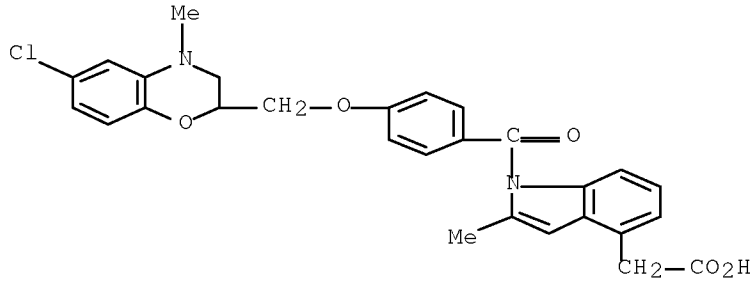
RN 359585-72-1 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[[3,4-dihydro-4-methyl-6-(trifluoromethyl)-2H-1,4-benzoxazin-2-yl]methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



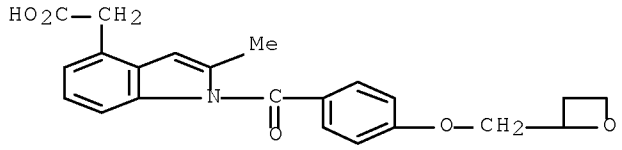
RN 359585-74-3 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-(2-quinoxalinylmethoxy)benzoyl]- (CA INDEX NAME)



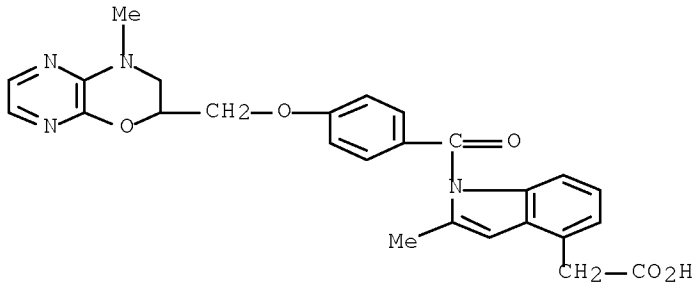
RN 359585-75-4 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(6-chloro-3,4-dihydro-4-methyl-2H-1,4-benzoxazin-2-yl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



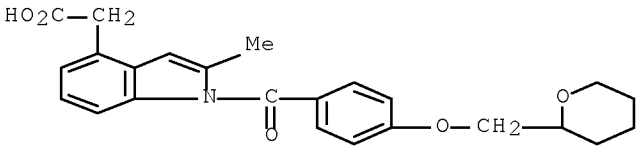
RN 359585-78-7 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-(2-oxetanylmethoxy)benzoyl]- (CA INDEX NAME)



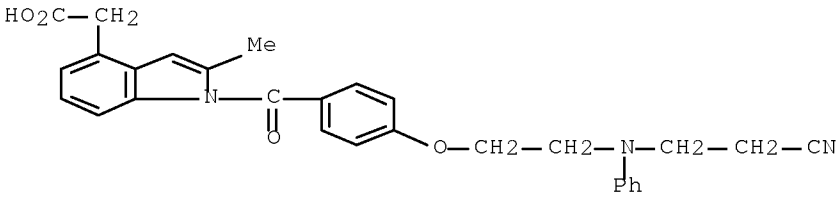
RN 359585-79-8 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(3,4-dihydro-4-methyl-2H-pyrazino[2,3-b]-1,4-oxazin-2-yl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



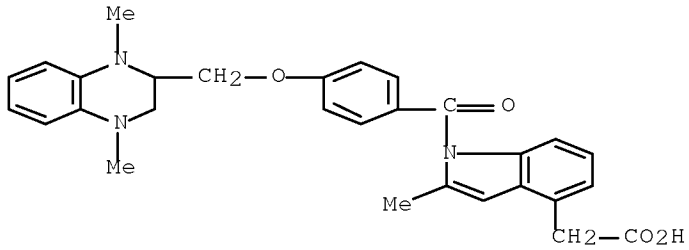
RN 359585-80-1 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[(tetrahydro-2H-pyran-2-yl)methoxy]benzoyl]- (CA INDEX NAME)



RN 359585-81-2 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[2-[(2-cyanoethyl)phenylamino]ethoxy]benzoyl]-2-methyl- (CA INDEX NAME)

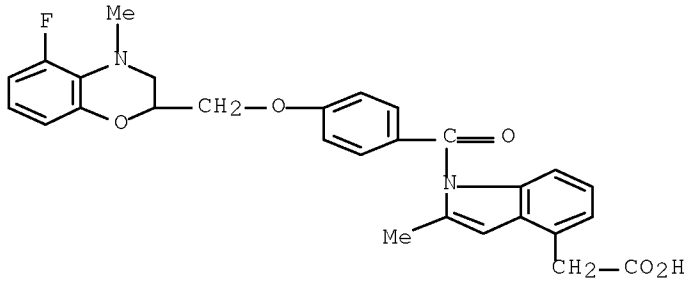


RN 359585-82-3 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[(1,2,3,4-tetrahydro-1,4-dimethyl-2-quinoxalinyl)methoxy]benzoyl]- (CA INDEX NAME)

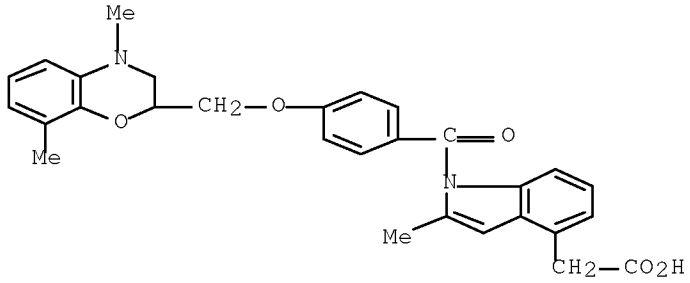


RN 359585-83-4 CAPLUS

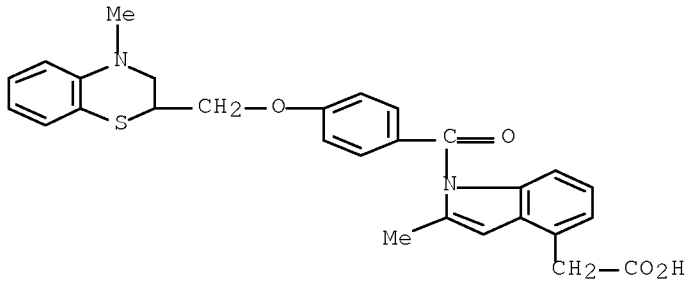
CN 1H-Indole-4-acetic acid, 1-[4-[(5-fluoro-3,4-dihydro-4-methyl-2H-1,4-benzoxazin-2-yl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



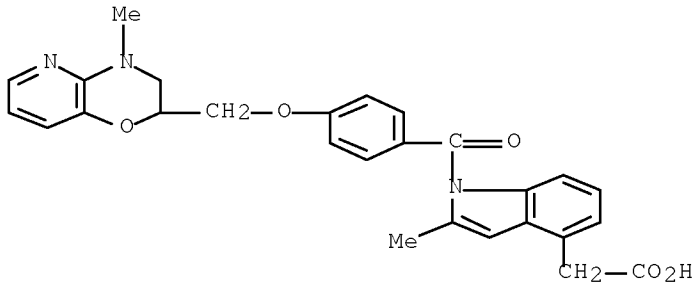
RN 359585-84-5 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(3,4-dihydro-4,8-dimethyl-2H-1,4-benzoxazin-2-yl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



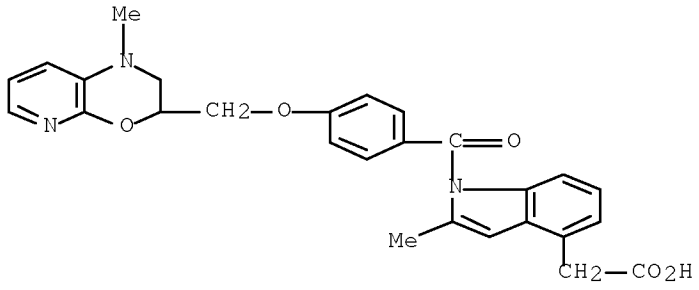
RN 359585-85-6 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(3,4-dihydro-4-methyl-2H-1,4-benzothiazin-2-yl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



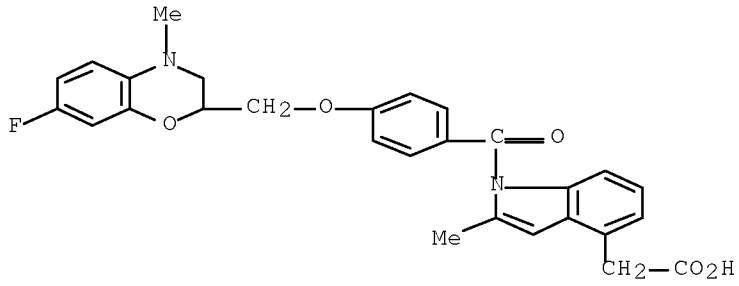
RN 359585-86-7 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(3,4-dihydro-4-methyl-2H-pyrido[3,2-b]-1,4-oxazin-2-yl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



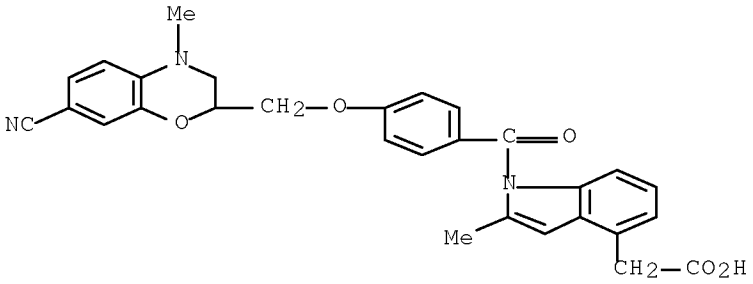
RN 359585-87-8 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(2,3-dihydro-1-methyl-1H-pyrido[2,3-b][1,4]oxazin-3-yl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



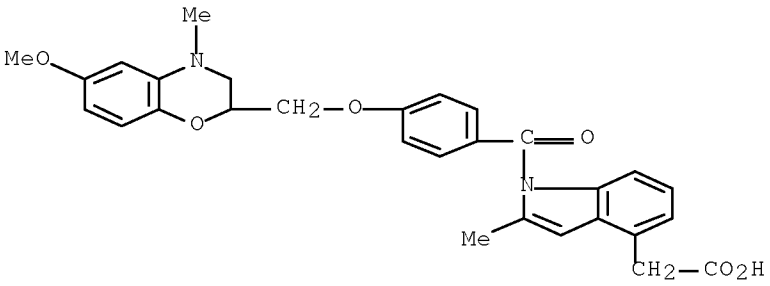
RN 359585-88-9 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(7-fluoro-3,4-dihydro-4-methyl-2H-1,4-benzoxazin-2-yl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



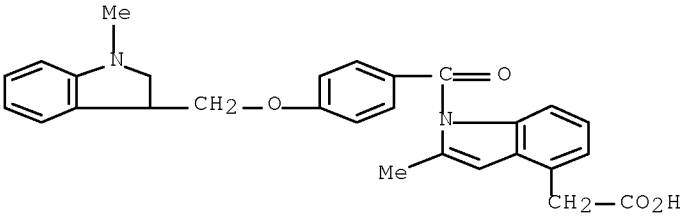
RN 359585-89-0 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(7-cyano-3,4-dihydro-4-methyl-2H-1,4-benzoxazin-2-yl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



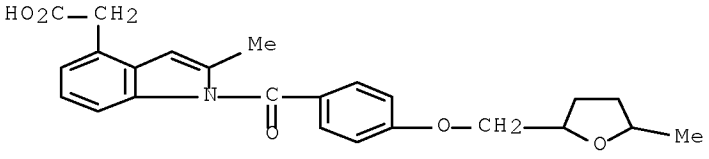
RN 359585-90-3 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(3,4-dihydro-6-methoxy-4-methyl-2H-1,4-benzoxazin-2-yl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)



RN 359585-91-4 CAPLUS
CN 1H-Indole-4-acetic acid, 1-[4-[(2,3-dihydro-1-methyl-1H-indol-3-yl)methoxy]benzoyl]-2-methyl- (CA INDEX NAME)

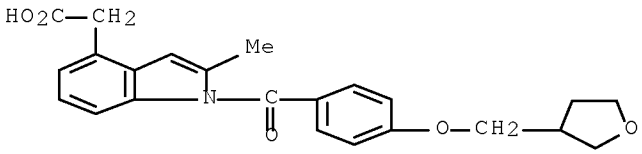


RN 359585-94-7 CAPLUS
CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[(tetrahydro-5-methyl-2-furanyl)methoxy]benzoyl]- (CA INDEX NAME)



RN 360580-84-3 CAPLUS

CN 1H-Indole-4-acetic acid, 2-methyl-1-[4-[(tetrahydro-3-furanyl)methoxy]benzoyl]- (CA INDEX NAME)



RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2000:628118 CAPLUS Full-text
DN 133:222593
TI Preparation of N-(substituted)benzoyl indoles as estrogenic agents
IN Koko, Marci Catherine; Ullrich, John William; Santilli, Arthur Attilio
PA American Home Products Corporation, USA
SO PCT Int. Appl., 25 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000051983	A1	20000908	WO 2000-US4386	20000222 <--
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2364914	A1	20000908	CA 2000-2364914	20000222 <--
	EP 1159268	A1	20011205	EP 2000-917652	20000222 <--
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	JP 2002538141	T	20021112	JP 2000-602211	20000222
	MX 2001PA08911	A	20021023	MX 2001-PA8911	20010903
PRAI	US 1999-262413	A	19990304		
	WO 2000-US4386	W	20000222		

OS MARPAT 133:222593
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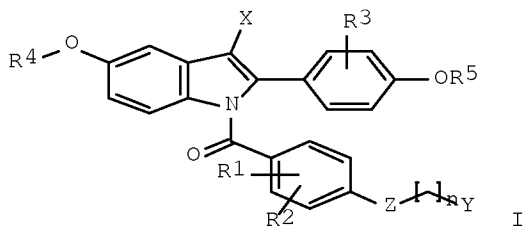


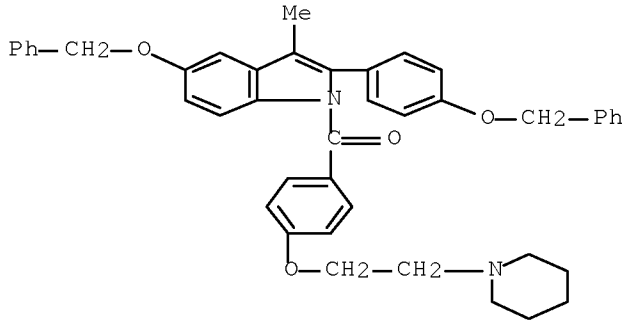
I

AB The title compds. [I; R1-R3 = H, halo, alkoxy, etc.; R4, R5 = H, (un)substituted CH2Ph; X = H, alkyl, CF3; Z = O, S; n = 2-3; Y = N(alkyl)2, pyrrolidino, piperidino, etc.], useful for treating or preventing disease states or syndromes which are caused or associated with an estrogen deficiency (such as bone loss) or an excess of estrogen, were prepared E.g., a 2-step synthesis of the indole I [R1-R5 = H; X = Me; Z = O; n = 2; Y = piperidino] which showed IC50 of 2.0x10-7 M against estrogen receptor binding, was given.

IT 291546-88-8P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of N-(substituted)benzoylindoles as estrogenic agents)

RN 291546-88-8 CAPLUS

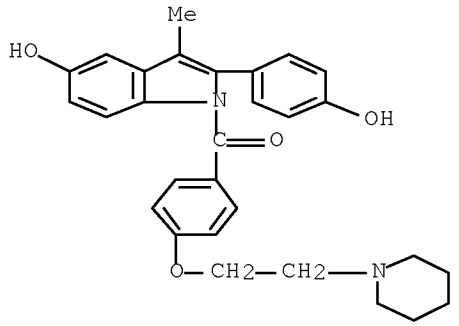
CN 1H-Indole, 3-methyl-5-(phenylmethoxy)-2-[4-(phenylmethoxy)phenyl]-1-[4-[2-(1-piperidinyl)ethoxy]benzoyl]- (9CI) (CA INDEX NAME)



IT 291546-89-9P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of N-(substituted)benzoylindoles as estrogenic agents)

RN 291546-89-9 CAPLUS

CN 1H-Indol-5-ol, 2-(4-hydroxyphenyl)-3-methyl-1-[4-[2-(1-piperidinyl)ethoxy]benzoyl]- (9CI) (CA INDEX NAME)

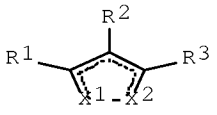


RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2000:117034 CAPLUS Full-text
DN 132:166233
TI Preparation of substituted isoxazoles as estrogen receptor modulators
IN Huebner, Verena D.; Lin, Xiaodong; James, Ian; Chen, Liya; Desai, Manoj; Moore, Jennifer C.; Krywult, Beata; Navaratnam, Thayalan; Singh, Rajinder; Trainor, Rob; Wang, Liang
PA Chiron Corporation, USA
SO PCT Int. Appl., 115 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000008001	A1	20000217	WO 1999-US17798	19990806 <--
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	AU 9954676	A	20000228	AU 1999-54676	19990806 <--
	EP 1102755	A1	20010530	EP 1999-940916	19990806 <--
	EP 1102755	B1	20060104		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY				
	US 6262098	B1	20010717	US 1999-369748	19990806 <--
	JP 2002522425	T	20020723	JP 2000-563634	19990806 <--
	AT 315033	T	20060215	AT 1999-940916	19990806
	ES 2255294	T3	20060616	ES 1999-940916	19990806
	US 20010036956	A1	20011101	US 2001-833392	20010411 <--
	US 6387920	B2	20020514		
	US 20020111374	A1	20020815	US 2001-954039	20010918 <--
	US 20040034081	A9	20040219		
	US 6727273	B2	20040427		
	US 20030065012	A1	20030403	US 2002-134302	20020425
	US 6743815	B2	20040601		
	US 20040077701	A1	20040422	US 2003-461914	20030612
	US 20040102498	A1	20040527	US 2003-713621	20031113
	US 6869969	B2	20050322		
	US 39708	E1	20070626	US 2004-757347	20040113
PRAI	US 1998-95773P	P	19980807		
	US 1998-95772P	P	19980807		
	US 1999-369747	A3	19990806		
	US 1999-369748	A3	19990806		
	WO 1999-US17798	W	19990806		
	US 2001-833392	A1	20010411		
	US 2001-954039	A1	20010918		
	US 2002-134302	A1	20020425		

OS MARPAT 132:166233
GI



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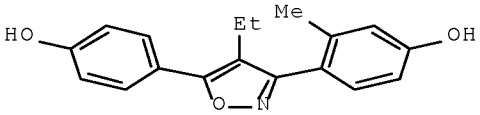


II

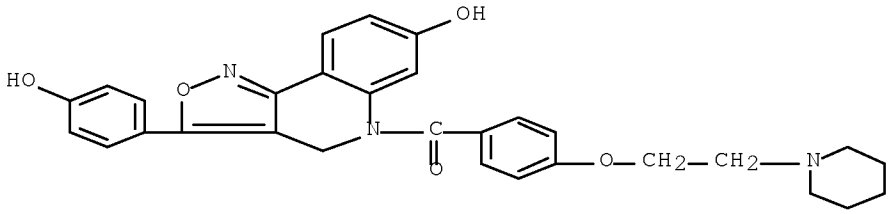
AB The title compds. [I; X1, X2 = N, O (if one of X1 and X2 = N, then the other of X1 and X2 = O to form an isoxazole); R1, R3 = alkyl, aryl, heteroaryl, etc.; R2 = H, halo, CN, etc.] which are estrogen receptor agonist and antagonist compds. having unexpected and surprising activity in modulating estrogen receptor activity, and therefore are useful in preventing or treating estrogen receptor-mediated disorders such as osteoporosis, breast and endometrial cancers, atherosclerosis, and Alzheimer's disease, were prepared E.g., a multi-step synthesis of II, starting with 2'-methyl-4'-methoxyacetophenone, was given. Biol. data for compds. I were presented.

IT 258860-05-8P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of substituted isoxazoles as estrogen receptor modulators)

RN 258860-05-8 CAPLUS

CN Isoxazolo[4,3-c]quinolin-7-ol, 4,5-dihydro-3-(4-hydroxyphenyl)-5-[4-[2-(1-piperidinyl)ethoxy]benzoyl]- (9CI) (CA INDEX NAME)

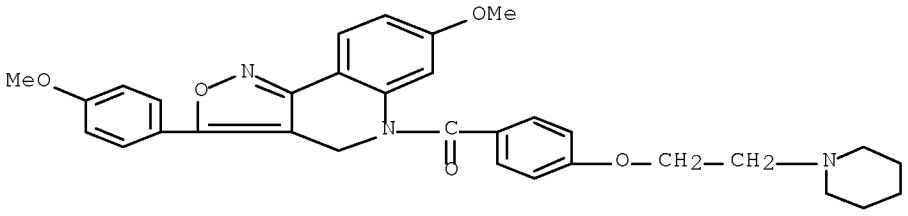


IT 258860-20-7

RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of substituted isoxazoles as estrogen receptor modulators)

RN 258860-20-7 CAPLUS

CN Isoxazolo[4,3-c]quinoline, 4,5-dihydro-7-methoxy-3-(4-methoxyphenyl)-5-[4-[2-(1-piperidinyl)ethoxy]benzoyl]- (9CI) (CA INDEX NAME)



RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2008 ACS on STN

AN 1998:709058 CAPLUS Full-text
DN 129:343423
TI 2-Benzoyl-1,2,3,4-tetrahydroisoquinoline-3-carboxamide derivatives and their use as inhibitors of hepatic production of ApoB-100
IN Daugan, Alain Claude-Marie; Pianetti, Pascal Maurice Charles
PA Glaxo Group Limited, UK
SO PCT Int. Appl., 60 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9847877	A1	19981029	WO 1998-EP2244	19980420 <--
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9875265	A	19981113	AU 1998-75265	19980420 <--
	IN 1998CA00672	A	20051202	IN 1998-CA672	19980420
PRAI	GB 1997-8119	A	19970422		
	WO 1998-EP2244	W	19980420		

OS MARPAT 129:343423
GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

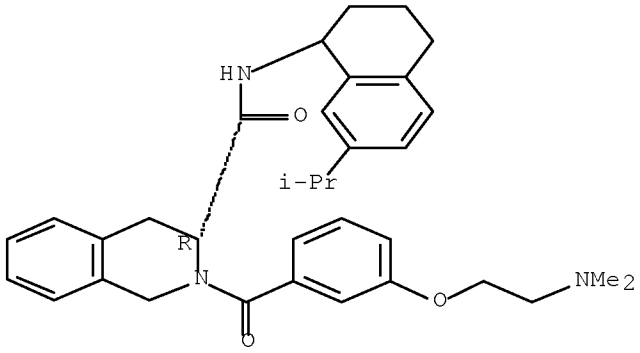
AB The invention relates to compds. I [wherein R0 = H, halo, C1-4 alkyl, C1-4 alkoxy, or methylenedioxy; n = 1-4; R1 = H, halo, C1-4 alkyl, C1-4 alkoxy, CF3O, or methylenedioxy; p = 1-4; R2 = H, halo, C1-4 alkyl, C1-4 alkoxy, methylenedioxy, NR4R5, -(C1-4 alkylene)-NR6R7, -NR4- or -O-(C1-4 alkylene)-NR8R9, 4-morpholino, or 4-R10-piperazin-1-yl, m = 1-4; R3 = H or C1-4 alkyl; R4-R10 = H or C1-4 alkyl] and their pharmaceutically acceptable salts or solvates, to processes for their preparation, and their use in the treatment of conditions mediated by ApoB-100 regulation. In particular, as inhibitors of hepatic ApoB-100 production, I are of use in treatment of pancreatitis, NIDDM, coronary heart disease, hyperlipidemia, and hypercholesterolemia. For instance, (+)-7-methyl-1,2,3,4- tetrahydronaphthalen-1-ylamine (resolution given) was coupled with 2-BOC-D-1,2,3,4-tetrahydroisoquinoline-3-carboxylic acid using EDC and HOBT, and the resultant amide was deprotected with CF3CO2H and coupled with 4-MeC6H4CO2H under similar conditions to give title compound II (+)-isomer. In a test for potency and selectivity, II inhibited production of ApoB-100 in HepG2 cells in vitro with an IC50 of 0.9 nM, but showed an IC50 of > 5000 nM toward ApoA-1 production in the same assay. Almost 50 compds. were prepared, and their stereo-unspecified forms were claimed. Approx. 60 intermediates were prepared, 7 compds. were bioassayed, and 21 pharmaceutical formulations were listed.

IT 215314-18-4P 215314-19-5P 215314-20-8P
215314-27-5P 215314-31-1P 215314-32-2P
215314-34-4P 215315-02-9P 215315-04-1P
215315-05-2P 215315-09-6P 215315-13-2P
215315-15-4P 215315-16-5P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological

study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(product; preparation of benzoyltetrahydroisoquinolinecarboxamide derivs. as
inhibitors of hepatic production of ApoB-100)

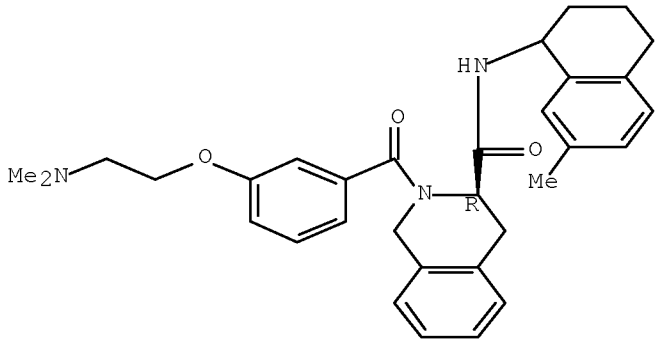
RN 215314-18-4 CAPLUS
CN 3-Isoquinolinecarboxamide, 2-[3-[2-(dimethylamino)ethoxy]benzoyl]-1,2,3,4-tetrahydro-N-[1,2,3,4-tetrahydro-7-(1-methylethyl)-1-naphthalenyl]-, (3R)- (CA INDEX NAME)

Absolute stereochemistry.



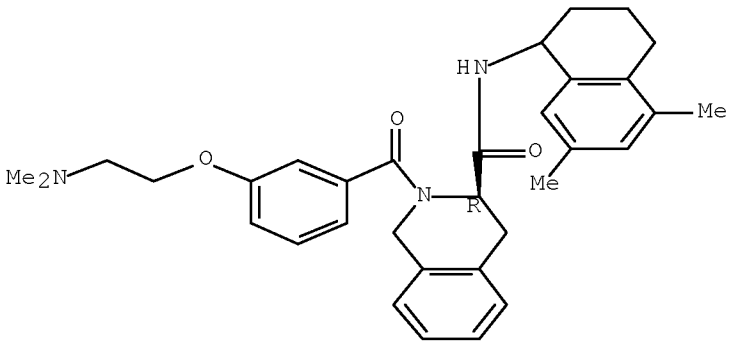
RN 215314-19-5 CAPLUS
CN 3-Isoquinolinecarboxamide, 2-[3-[2-(dimethylamino)ethoxy]benzoyl]-1,2,3,4-tetrahydro-N-(1,2,3,4-tetrahydro-7-methyl-1-naphthalenyl)-, (3R)- (CA INDEX NAME)

Absolute stereochemistry.



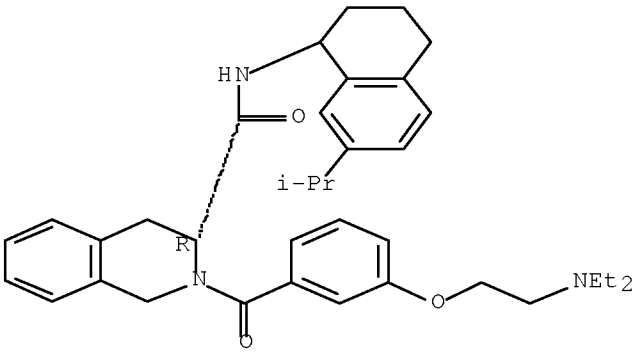
RN 215314-20-8 CAPLUS
CN 3-Isoquinolinecarboxamide, 2-[3-[2-(dimethylamino)ethoxy]benzoyl]-1,2,3,4-tetrahydro-N-(1,2,3,4-tetrahydro-5,7-dimethyl-1-naphthalenyl)-, (3R)- (CA INDEX NAME)

Absolute stereochemistry.



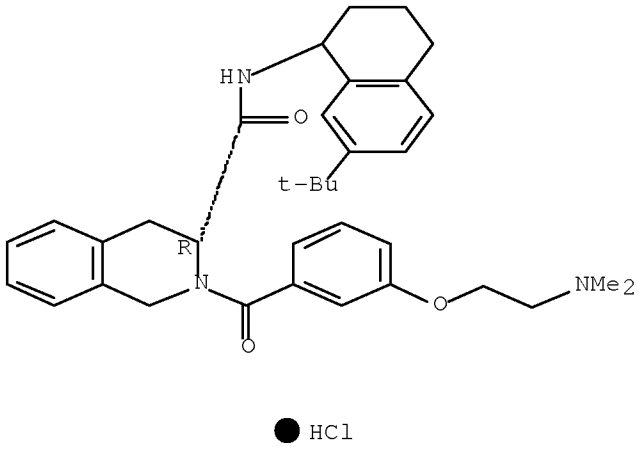
RN 215314-27-5 CAPLUS
CN 3-Isoquinolinecarboxamide, 2-[3-[2-(diethylamino)ethoxy]benzoyl]-1,2,3,4-tetrahydro-N-[1,2,3,4-tetrahydro-7-(1-methylethyl)-1-naphthalenyl]-, (3R)- (CA INDEX NAME)

Absolute stereochemistry.



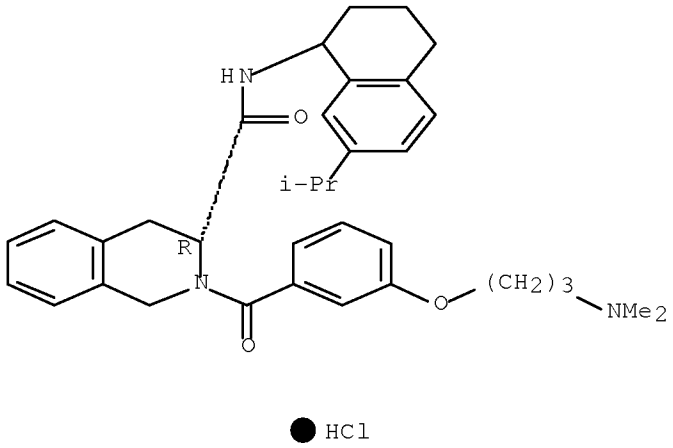
RN 215314-31-1 CAPLUS
CN 3-Isoquinolinecarboxamide, 2-[3-[2-(dimethylamino)ethoxy]benzoyl]-N-[7-(1,1-dimethylethyl)-1,2,3,4-tetrahydro-1-naphthalenyl]-1,2,3,4-tetrahydro-, monohydrochloride, (3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



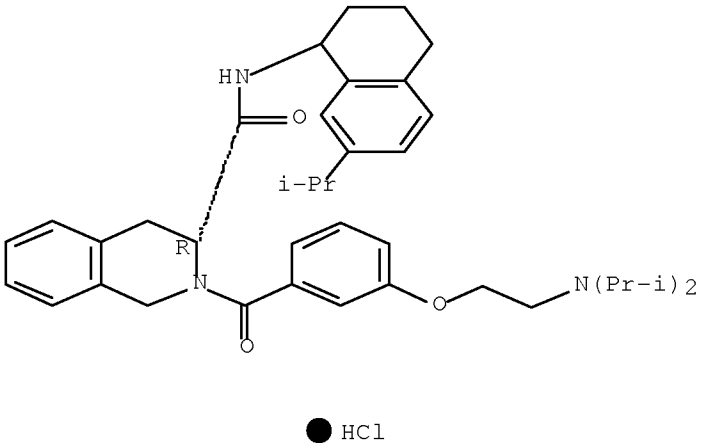
RN 215314-32-2 CAPLUS
CN 3-Isoquinolinecarboxamide, 2-[3-[3-(dimethylamino)propoxy]benzoyl]-1,2,3,4-tetrahydro-N-[1,2,3,4-tetrahydro-7-(1-methylethyl)-1-naphthalenyl]-, monohydrochloride, (3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

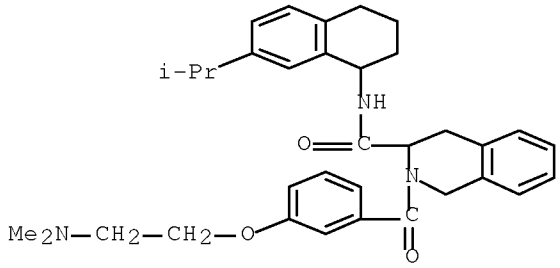


RN 215314-34-4 CAPLUS
CN 3-Isoquinolinecarboxamide, 2-[3-[2-[bis(1-methylethyl)amino]ethoxy]benzoyl]-1,2,3,4-tetrahydro-N-[1,2,3,4-tetrahydro-7-(1-methylethyl)-1-naphthalenyl]-, monohydrochloride, (3R)- (9CI) (CA INDEX NAME)

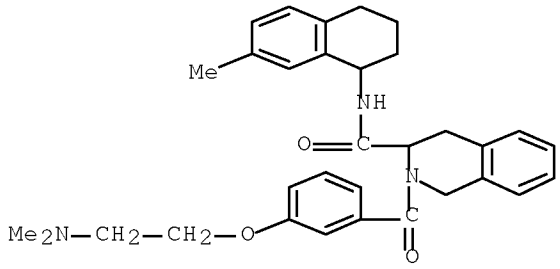
Absolute stereochemistry.



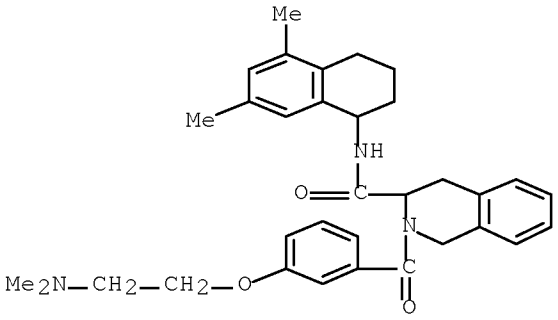
RN 215315-02-9 CAPLUS
CN 3-Isoquinolinecarboxamide, 2-[3-[2-(dimethylamino)ethoxy]benzoyl]-1,2,3,4-tetrahydro-N-[1,2,3,4-tetrahydro-7-(1-methylethyl)-1-naphthalenyl]- (CA INDEX NAME)



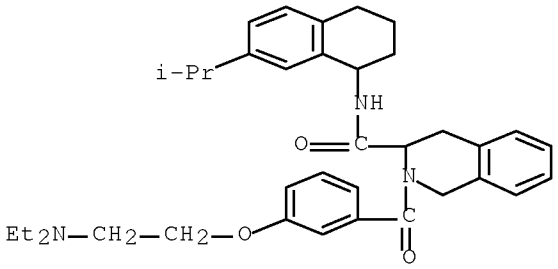
RN 215315-04-1 CAPLUS
CN 3-Isoquinolinecarboxamide, 2-[3-[2-(dimethylamino)ethoxy]benzoyl]-1,2,3,4-tetrahydro-N-(1,2,3,4-tetrahydro-7-methyl-1-naphthalenyl)- (CA INDEX NAME)



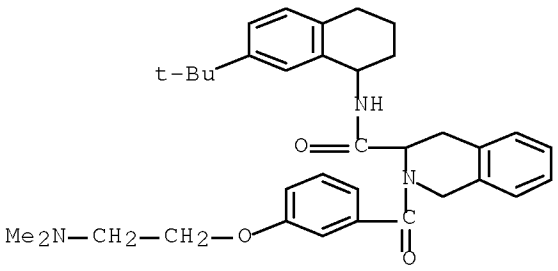
RN 215315-05-2 CAPLUS
CN 3-Isoquinolinecarboxamide, 2-[3-[2-(dimethylamino)ethoxy]benzoyl]-1,2,3,4-tetrahydro-N-(1,2,3,4-tetrahydro-5,7-dimethyl-1-naphthalenyl)- (CA INDEX NAME)



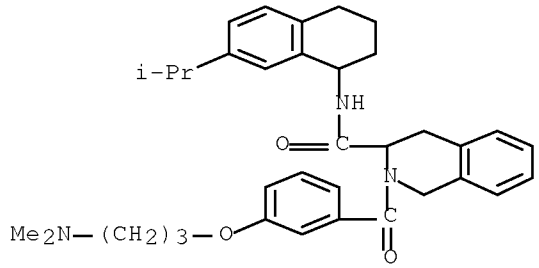
RN 215315-09-6 CAPLUS
CN 3-Isoquinolinecarboxamide, 2-[3-[2-(diethylamino)ethoxy]benzoyl]-1,2,3,4-tetrahydro-N-[1,2,3,4-tetrahydro-7-(1-methylethyl)-1-naphthalenyl]- (CA INDEX NAME)



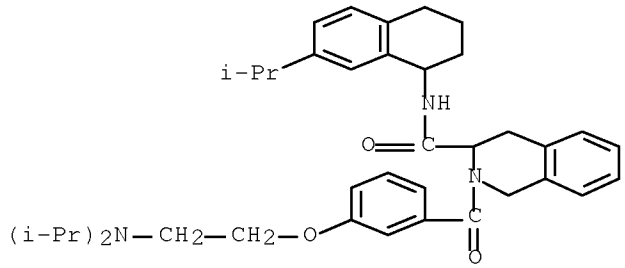
RN 215315-13-2 CAPLUS
CN 3-Isoquinolinecarboxamide, 2-[3-[2-(dimethylamino)ethoxy]benzoyl]-N-[7-(1,1-dimethylethyl)-1,2,3,4-tetrahydro-1-naphthalenyl]-1,2,3,4-tetrahydro- (CA INDEX NAME)



RN 215315-15-4 CAPLUS
CN 3-Isoquinolinecarboxamide, 2-[3-[3-(dimethylamino)propoxy]benzoyl]-1,2,3,4-tetrahydro-N-[1,2,3,4-tetrahydro-7-(1-methylethyl)-1-naphthalenyl]- (CA INDEX NAME)



RN 215315-16-5 CAPLUS
CN 3-Isoquinolinecarboxamide, 2-[3-[2-[bis(1-methylethyl)amino]ethoxy]benzoyl]-1,2,3,4-tetrahydro-N-[1,2,3,4-tetrahydro-7-(1-methylethyl)-1-naphthalenyl]- (CA INDEX NAME)



RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1998:621219 CAPLUS Full-text
DN 129:260346
TI Preparation of 4,5,6,7-tetrahydro-thieno[3,2-c]pyridines for the treatment of diseases related to glucose metabolic pathways
IN Madsen, Peter; Lundbeck, Jane Marie; Westergaard, Niels; Naerum, Lars; Varming, Annemarie Reinhardt; Demuth, Helle; Heide, Morten
PA Novo Nordisk A/S, Den.
SO PCT Int. Appl., 146 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9840385	A1	19980917	WO 1998-DK83	19980306 <--
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 6177443	B1	20010123	US 1998-35464	19980305 <--
AU 9862909	A	19980929	AU 1998-62909	19980306 <--

	EP 973778	A1	20000126	EP 1998-906858	19980306 <--
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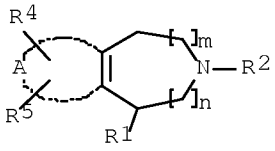
	ZA 9801965	A	19980907	ZA 1998-1965	19980309 <--
	IN 1998CA00372	A	20050708	IN 1998-CA372	19980309
PRAI	DK 1997-249	A	19970307		
	DK 1997-1365	A	19971127		
	US 1997-41641P	P	19970327		
	US 1997-67809P	P	19971208		
	WO 1998-DK83	W	19980306		

OS MARPAT 129:260346

GI



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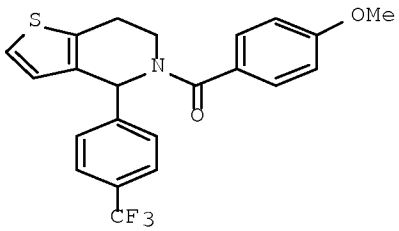


II

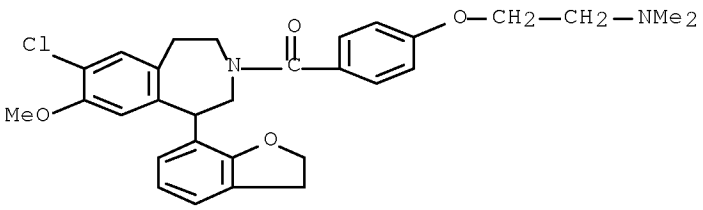
AB The title compds. [I; A together with the double bond = benzene, thiophene, furan, etc.; R1 = (un)substituted C1-6 alkyl, aryl; R2 = (un)substituted C1-6 alkyl, aralkyl, COR3; R3 = (un)substituted C1-6 alkyl, aralkyl, aryl; R4, R5 = H, halo, perhalomethyl, etc.; n = 0-2; m = 0-2], which modulate the activity of mols. with glucose-6-phosphate recognition units, including glucose-6-phosphatases (G-6-Pases) in in vitro systems, microorganisms, eukaryotic cells, whole animals and human beings, and are useful in the treatment of diseases related to glucose metabolic pathways such as hyperglycemia, diabetes (preferably NIDDM), hypoglycemia, and glycogen storage disease, were prepared and formulated. Thus, reaction of 4-(4-trifluoromethylphenyl)-4,5,6,7-tetrahydrothieno[3,2- c]pyridine with p-anisoyl chloride in the presence of Et3N in CH2Cl2 afforded 100% the title compound II. Compds. I can be characterized by having a glucose-6-phosphatase inhibitory activity corresponding to an IC50 of < 100 μM, preferably < 10 μM, more preferably < 1 μM, still more preferably < 100 nM.

IT 213460-84-5P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 4,5,6,7-tetrahydro-thieno[3,2-c]pyridines for the treatment of diseases related to glucose metabolic pathways)

RN 213460-84-5 CAPLUS

CN 1H-3-Benzazepine, 7-chloro-1-(2,3-dihydro-7-benzofuranyl)-3-[4-[2-(dimethylamino)ethoxy]benzoyl]-2,3,4,5-tetrahydro-8-methoxy- (9CI) (CA INDEX NAME)



RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1994:533962 CAPLUS Full-text
DN 121:133962
OREF 121:24217a,24220a
TI Preparation of indole derivatives as antiestrogenic agents
IN Inai, Masatoshi; Shibutani, Tadanao; Kanaya, Jun; Moritake, Masako; Tanaka, Akie
PA Otsuka Pharmaceutical Factory, Inc., Japan
SO PCT Int. Appl., 172 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
PI	WO 9323374	A1	19931125	WO 1993-JP560	19930428	<--
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	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE					
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	AU 665690	B2	19960111			
	EP 639567	A1	19950222	EP 1993-911947	19930428	<--
	R: AT, CH, DE, DK, ES, FR, GB, IT, LI, NL, SE					
	US 5496844	A	19960305	US 1994-335833	19941108	<--
PRAI	JP 1992-116126	A	19920508			
	WO 1993-JP560	A	19930428			

OS CASREACT 121:133962; MARPAT 121:133962
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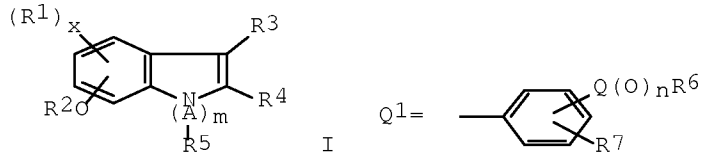

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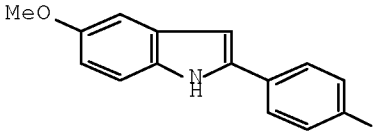

II

AB The title compds. I [R1 = halo; R2 = H, alkyl, alkanoyl, benzoyl; R3 = H, alkyl, halo; R4 = thienyl, Q1; R6 = alkyl, cycloalkyl, (substituted) Ph, etc.; R7 = H, allyl; Q = S, selenium; A = alkylene; m = 0, 1; when m = 0, R5 = H, alkyl, etc.; when m = 1, R5 = alkoxycarbonyl, CONR9R10, etc.; R9, R10 = H, alkyl, etc.; n = 0-2; x = 0-2] were prepared I are potent antiestrogenic agents and are useful in the treatment of anovular infertility, prostatomegaly, breast cancer, etc. A mixture of p-anisidine, p-(PhS)C6H4COCH2Br, and N,N-dimethylaniline was stirred at 170° for 3 h to give, after workup, title compound II. The relative binding affinity (RBA) values of the title compds. in an in vitro test using rat uterus cytoplasm and 3H-moxestrol were 41-121. RBA = IC50 of moxestrol/IC50 of title compound Formulations containing I are given.

IT 156803-52-0P 156803-53-1P 156803-54-2P
156803-55-3P 156803-56-4P 156803-58-6P
156803-59-7P 156803-60-0P 156803-61-1P
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156804-00-1P 156804-01-2P 156804-02-3P
156804-18-1P 156804-19-2P 156804-20-5P
156804-21-6P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of, as antiestrogenic agent)

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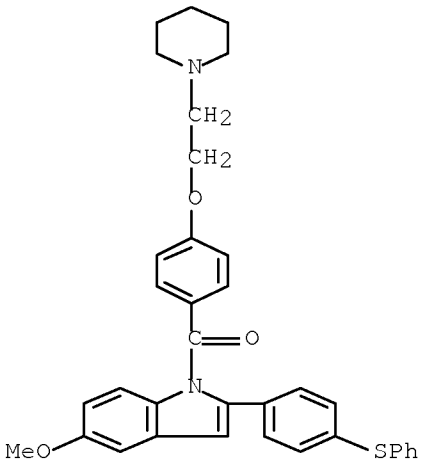

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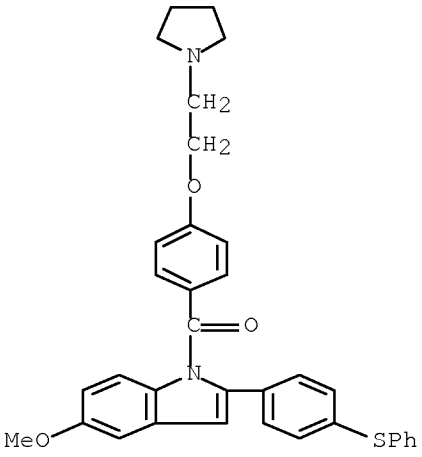

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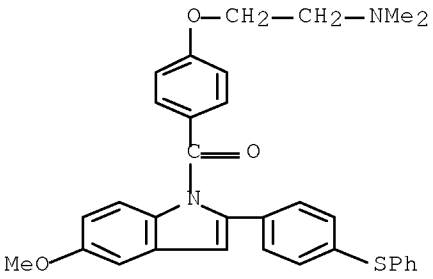

RN 156803-55-3 CAPLUS
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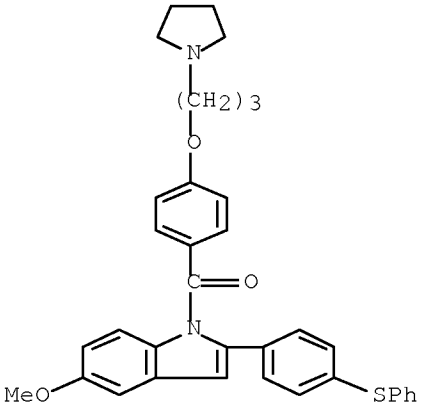

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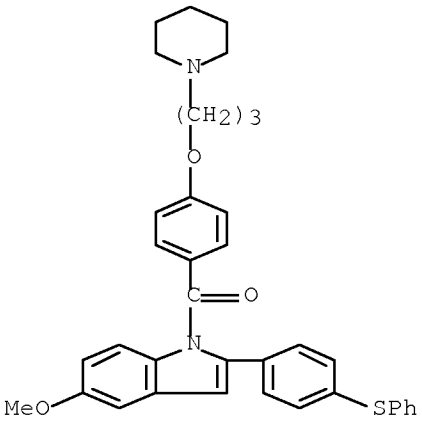

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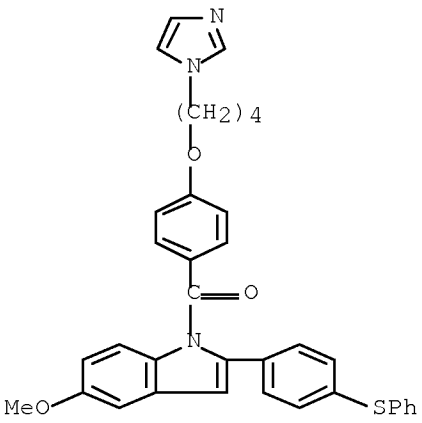

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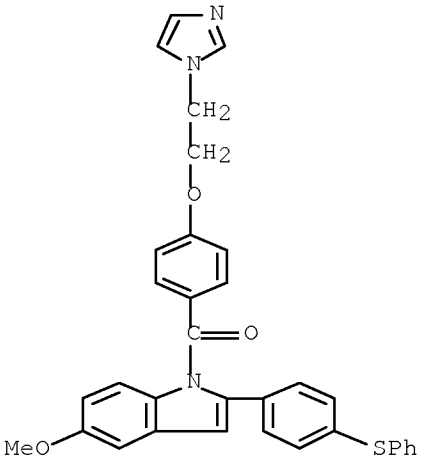

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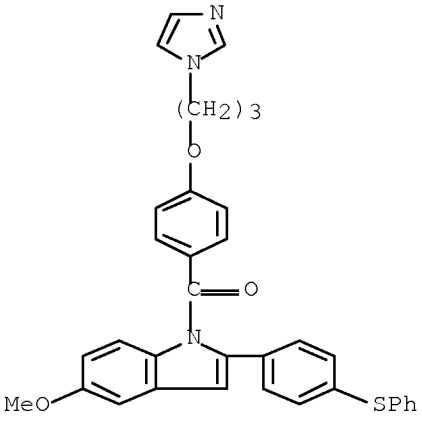

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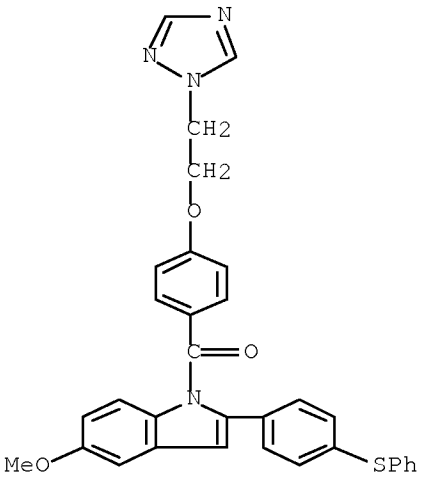

RN 156803-62-2 CAPLUS
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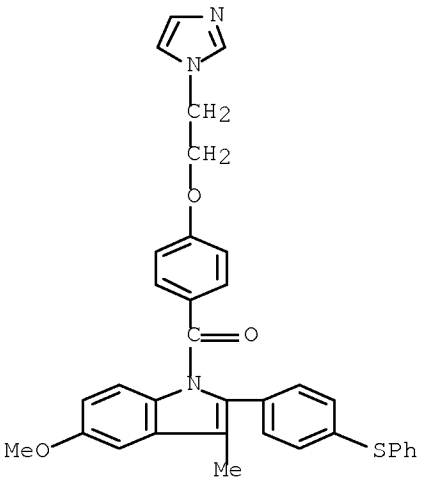

RN 156803-63-3 CAPLUS
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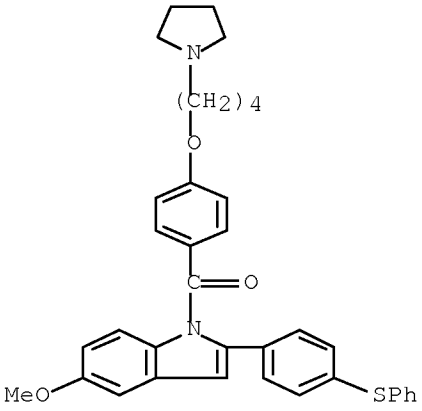

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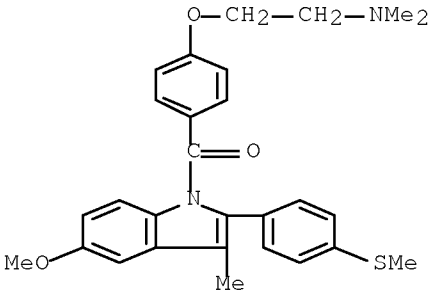

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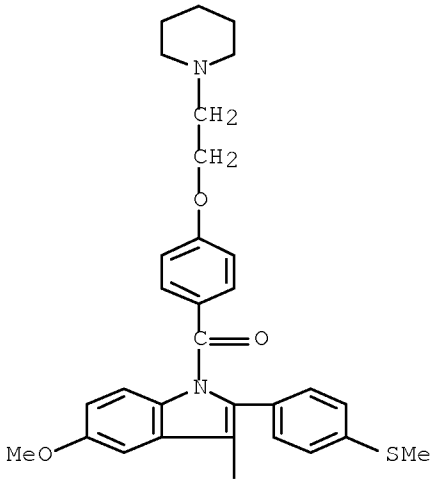

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RN 156803-66-6 CAPLUS
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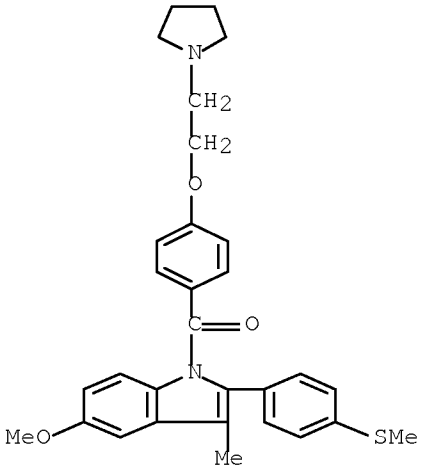

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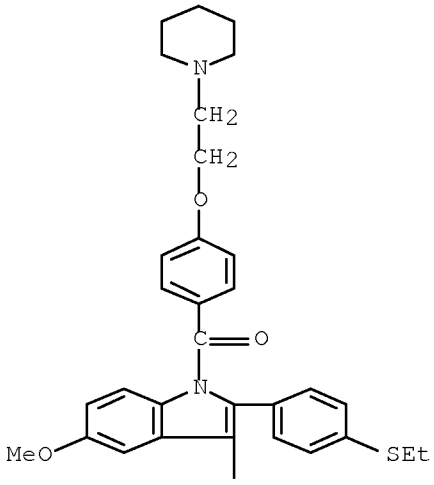
CN 1H-Indole, 2-[4-(ethylthio)phenyl]-5-methoxy-3-methyl-1-[4-[2-(1-piperidinyl)ethoxy]benzoyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 2-A

Me

RN 156803-90-6 CAPLUS
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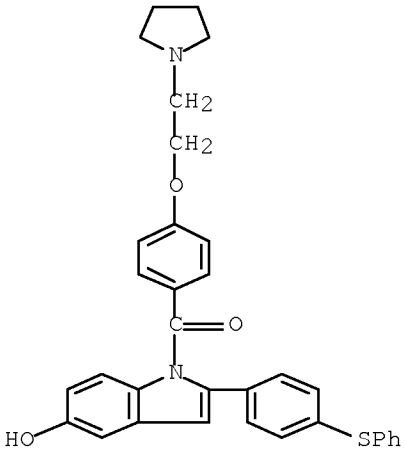

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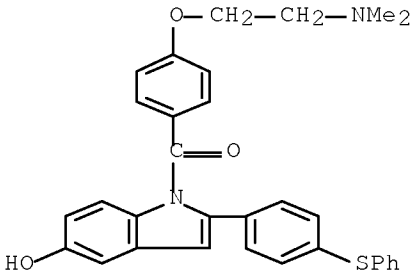

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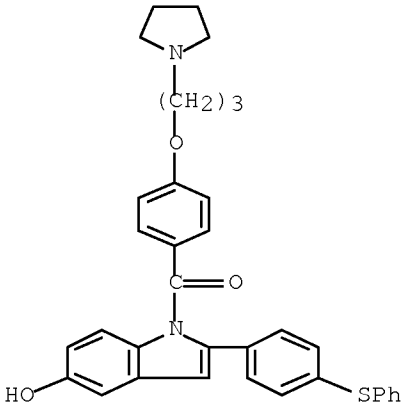

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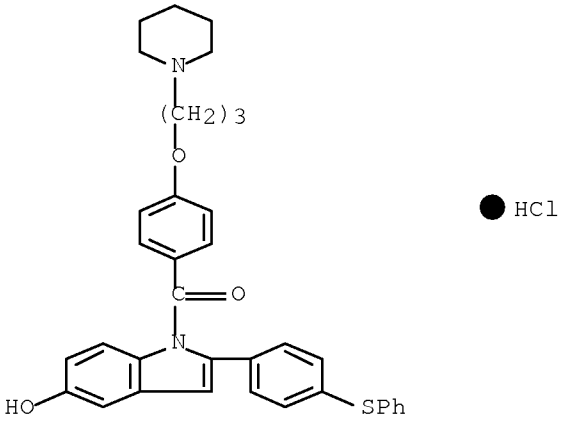

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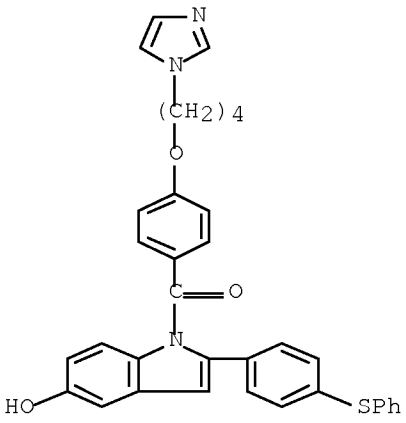

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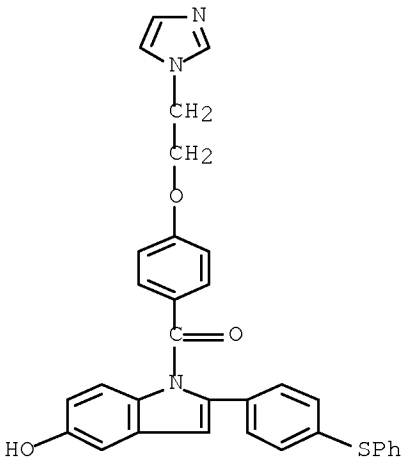

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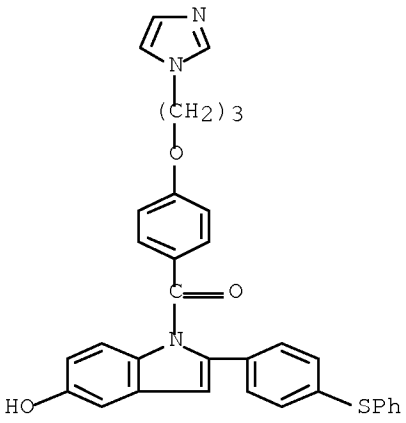

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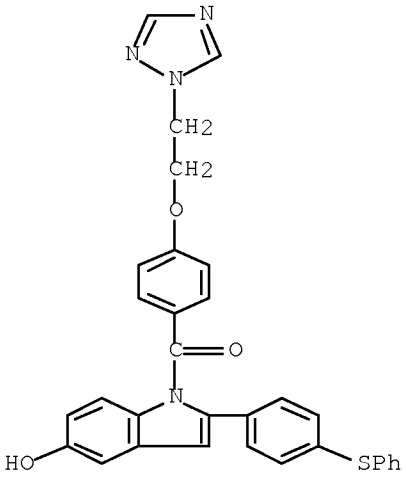

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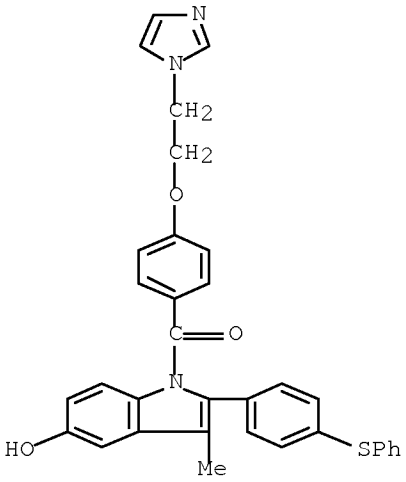

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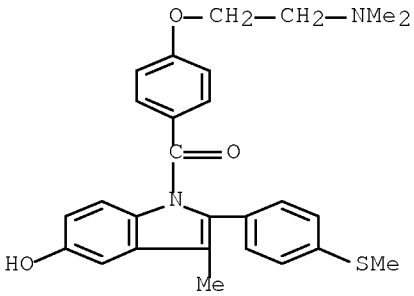

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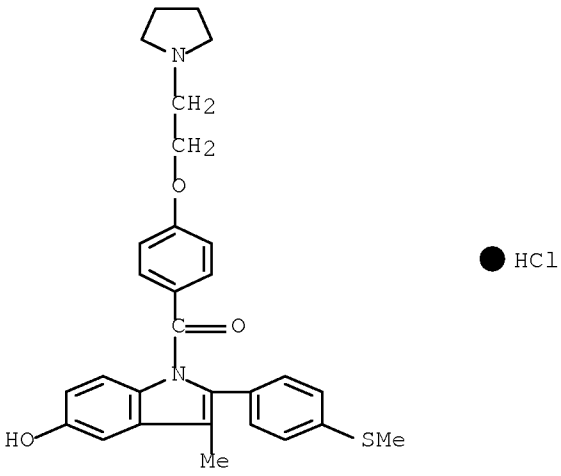

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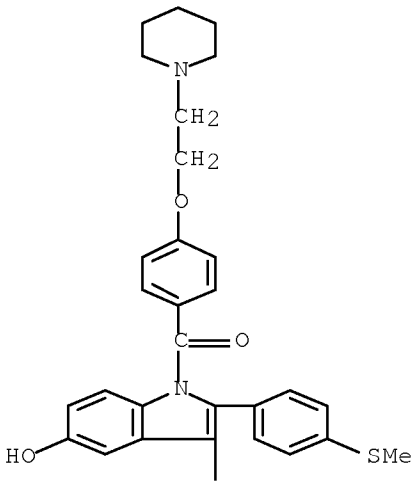

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RN 156804-21-6 CAPLUS
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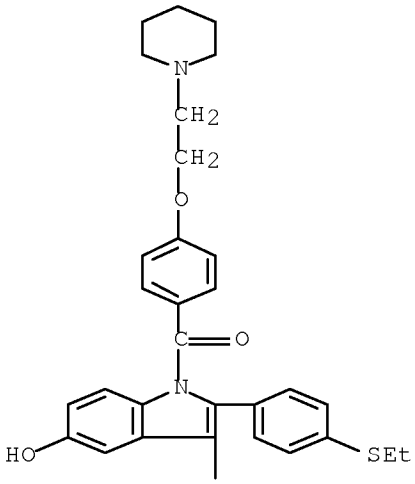
PAGE 1-A



PAGE 2-A

L5 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2008 ACS on STN
AN 1989:192866 CAPLUS Full-text
DN 110:192866
OREF 110:32024h,32025a
TI Preparation and formulation of thiadiazinones as cardiovascular agents
IN Jonas, Rochus; Piulats, Jaime; Lues, Inge; Klockow, Michael
PA Merck Patent G.m.b.H., Fed. Rep. Ger.
SO Eur. Pat. Appl., 14 pp.
CODEN: EPXXDW
DT Patent
LA German
FAN.CNT 1

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OS   CASREACT 110:192866; MARPAT 110:192866
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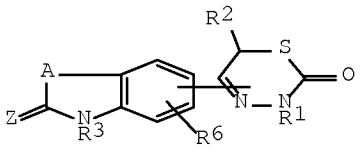


I

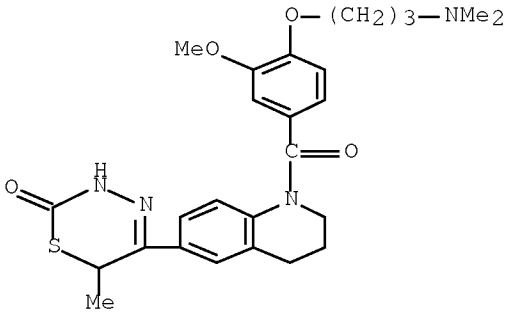
AB The title compds. [I; R1,R2,R4,R5 = H, alkyl, alkenyl, alkynyl; R3 = R1, acyl; R6 = H, alkyl, alkoxy, OH, F, Cl, Br, iodo; A = CHR4CHR5, CH2CR4R5, CR4R5CH2CH2, etc.; Z = (H, H)°, (H, alkyl), (alkyl, alkyl), O] useful as cardiovascular agents (no data), were prepared 6-(2-Chloropropionyl)-2-oxo-1,2,3,4-tetrahydroquinoline and H2NNHCSOEt were refluxed 2 h to give 5-(2-oxo-1,2,3,4-tetrahydroquinolin-6-yl)-6- methyl-3,6-dihydro-1,3,4-thiadiazin-2-one.

IT 120223-61-2P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of, as cardiovascular agent)

RN 120223-61-2 CAPLUS

CN Quinoline, 6-(3,6-dihydro-6-methyl-2-oxo-2H-1,3,4-thiadiazin-5-yl)-1-[4-[3-(dimethylamino)propoxy]-3-methoxybenzoyl]-1,2,3,4-tetrahydro- (9CI) (CA INDEX NAME)



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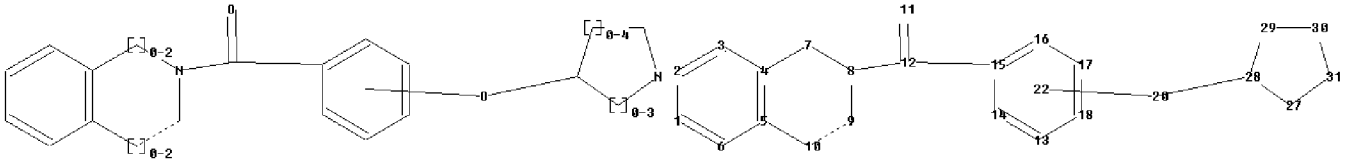

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chain nodes :
11  12  20
ring nodes :
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chain bonds :
8-12  11-12  12-15  20-28
ring bonds :
1-2  1-6  2-3  3-4  4-5  4-7  5-6  5-10  7-8  8-9  9-10  13-14  13-18  14-15  15-16
16-17  17-18  27-28  27-31  28-29  29-30  30-31
exact/norm bonds :
4-5  4-7  5-6  5-10  7-8  8-9  8-12  9-10  11-12  20-28  27-31  30-31
exact bonds :
12-15  27-28  28-29  29-30
normalized bonds :
1-2  1-6  2-3  3-4  13-14  13-18  14-15  15-16  16-17  17-18
isolated ring systems :
containing 13 : 27 :


G1:N,Hy

Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:Atom  8:Atom  9:Atom  10:Atom
11:CLASS  12:CLASS  13:Atom  14:Atom  15:Atom  16:Atom  17:Atom  18:Atom  20:CLASS
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=> file caplus

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=> s l9 and pd< oct 2002
      22814425 PD< OCT 2002
                  (PD<20021000)
L10            1 L9 AND PD< OCT 2002

=> dis bib abs hitstr

L10  ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2008 ACS on STN
AN   1998:289523  CAPLUS  Full-text
DN   129:4570
TI   Preparation of 4-(1-carbamoyl-4-oxo-2-azetidinyloxy)benzamides and analogs
     as elastase inhibitors
IN   Doherty, James; Dorn, Conrad; Durette, Philippe; Finke, Paul; Maccoss,
     Malcolm; Mills, Sander; Shah, Shrenik; Sahoo, Soumya; Hagmann, William;
     Hale, Jeffrey; Lanza, Thomas
PA   Merck and Co., Inc., USA
SO   U.S., 33 pp., Cont. of U.S. Ser. No. 416,771, abandoned.
     CODEN: USXXAM
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.          KIND   DATE        APPLICATION NO.        DATE
     ---------------     ----   --------    --------------------   --------
PI   US 5747485           A     19980505    US 1997-848076         19970605 <--
     CN 1206004           A     19990127    CN 1998-109505         19980529 <--
PRAI US 1995-416771       B1    19950413
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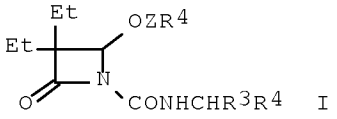
OS MARPAT 129:4570
GI



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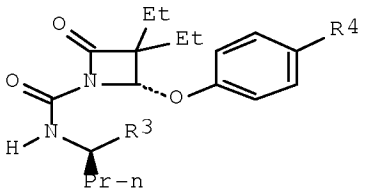


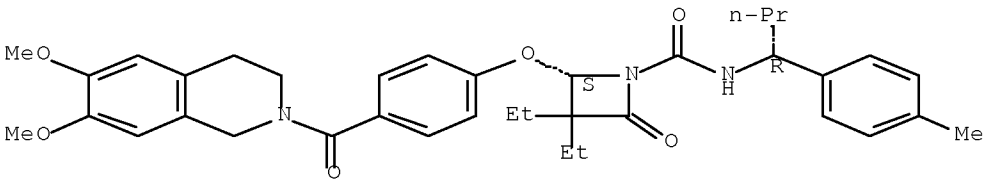
II

AB Title compds. [I; R = alkyl; R1 = (alkoxy)alkyl; R2 = H, (hydroxy)alkyl, alkenyl, haloalkyl, alkoxyalkyl; R3 = (un)substituted Ph; R4 = QCOYNR7R8 or Q = CO2Rx; Q = bond or CR5R6; R5,R6 = H or alkyl; R7,R8 = H, (un)substituted alkyl, alkanoyl, (un)substituted Ph, etc.; Rx = CO2H, Z1CO2CH2Ph, Z1CO2CMe3; Y = Z2(CHR12)nCR10R11; Z = (un)substituted phenylene; Z1 = alkylene; Z2 = O or NR9; R9 = H, (alkoxy)alkyl, phenyl(alkyl), pyridyl(alkyl); R10,R11 = H, (alkoxy)alkyl, aryl; R10R11 = O; R12 = H or alkyl; n = 1-5] were prepared Thus, azetinidinyloxybenzoic acid II (R3 = 4-MeC6H4)(III; R4 = CO2H) was esterified by BrCH2CO2CMe3 and the product amidated by HN(CH2CH2OH)2 to give III [R4 = CON(CH2CH2OH)2]. Data for biol. activity of I were given.

IT 207457-59-8P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 4-(1-carbamoyl-4-oxo-2-azetinidinyloxy)benzamides and analogs as elastase inhibitors)

RN 207457-59-8 CAPLUS
CN 1-Azetidinecarboxamide, 2-[4-[(3,4-dihydro-6,7-dimethoxy-2(1H)-isoquinolinyl)carbonyl]phenoxy]-3,3-diethyl-N-[(1R)-1-(4-methylphenyl)butyl]-4-oxo-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 62 THERE ARE 62 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s l9 not l10
L11 6 L9 NOT L10

=> dis l11 1-6 bib abs fhitstr

L11 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2006:1097510 CAPLUS Full-text
DN 145:438420

TI Preparation of N-[[(ureido)phenoxy]hetero/aryl]benzamides and related derivatives as NPY antagonists and their use for treating obesity, and abnormal food behavior and for controlling food intake

IN Botez, Iuliana; David-Basei, Christelle; Gourlaoueen, Nelly; Nicolaie, Eric; Balavoine, Fabrice; Valette, Gerard; Serradeil-Le Gal, Claudine

PA Cerep, Fr.

SO PCT Int. Appl., 430pp.
CODEN: PIXXD2

DT Patent

LA French

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006108965	A2	20061019	WO 2006-FR829	20060414
	WO 2006108965	A3	20070329		
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	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	FR 2884516	A1	20061020	FR 2005-3795	20050415
	FR 2884516	B1	20070622		
	AU 2006234413	A1	20061019	AU 2006-234413	20060414
	CA 2604773	A1	20061019	CA 2006-2604773	20060414
	EP 1879887	A2	20080123	EP 2006-743700	20060414
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU				
	NO 2007005322	A	20080111	NO 2007-5322	20071017
	KR 2008009112	A	20080124	KR 2007-726216	20071112
	CN 101198604	A	20080611	CN 2006-80021275	20071214
PRAI	FR 2005-3795	A	20050415		
	WO 2006-FR829	W	20060414		

OS MARPAT 145:438420

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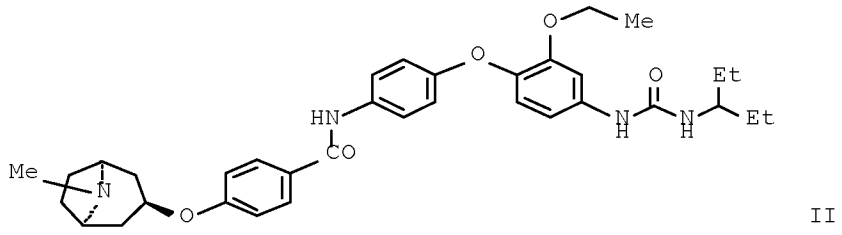
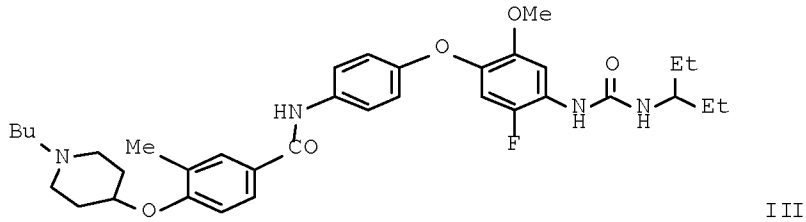


II



III

AB Title compds. R8R9N-L3-A-Ar3(R5R6)-L2-Ar2(R3R4)-L1-Ar1(R1R2)-Z-C(:Y)-X [I; X = di/alkylamino, hydrazino; Z = O, NH; Ar1 = Ph; Y = O, S; or Y = N, in which case Y, Z, and the Ph to which Z is attached form a benzimidazole or benzoxazole ring; R1, R2 = independently H, halo, OH, etc.; L1 = O, S, alkylene; Ar2 = hetero/aryl, heterocyclyl; R3 = independently H, halo, OH, CF3, OCF3, etc.; R1R2Ar1L1Ar2 = tricycle in which R1R3 = alkylene, L1 = O, S, and Ar2 = Ph; L2 = CONH and derivs., CH2O, OCH2, a bond with provisos; Ar3 = hetero/aryl, heterocyclyl; when L2 = a bond, Ar3 and Ar2 cannot be simultaneously heteroaryl or heterocyclyl; R5, R6 = independently H, halo, OH, alkyl, etc.; A = a bond, O, alkyl(id)ene, CONH, etc. L3 = (un)substituted cyclo/alkylene, bicyclo or polycycloalkyl(id)ene, etc. with proviso; or L3AAr3 = O heterocycle; R8, R9 = independently H, NH2, alkoxy/cyclo/alkyl, heterocyclyl, etc.; or NR8R9 = mono or poylcyclic N heterocycle; including quaternary ammonium compds. containing N+R8R9R10; R10 = alkyl; with provisos; and their pharmaceutically acceptable salts, solvates and hydrates, optical and geometrical isomers and their mixts.] were prepared as neuropeptide Y (NPY) antagonists, particularly selective NPY Y1 subtype antagonists, and their use in therapeutic or prophylactic treatment all NPY involving disorders. Pharmaceutical compns. comprising I and treating methods using them are also disclosed. Thus, II, isolated as HCl salt, was prepared by reacting tropine with 4-fluorobenzonitrile, followed by nitrile hydrolysis, activation of the acid in the presence of TBTU/HOBT in DMF, and reaction with 1-[4-(4-aminophenoxy)-3-ethoxyphenyl]- 3-(1-ethylpropyl)urea. III bound specifically to NPY Y1 receptor (IC50 for neuropeptide Y1, Y2, Y4, and Y5 receptors = 1.80 nM, > 10,000 nM, 2620 NM, and > 10,000 nM, resp.). In a test measuring the effects of III on arterial hypertension induced by [Leu31,Pro34]NPY in anesthetized rats, 3 mg/kg III administered orally reduced the blood pressure by .apprx.10 mm Hg after 1.5 h. I are useful for treating diseases characterized by elevated neuropeptide Y activity such as obesity, and abnormal food behavior, and for controlling food intake.

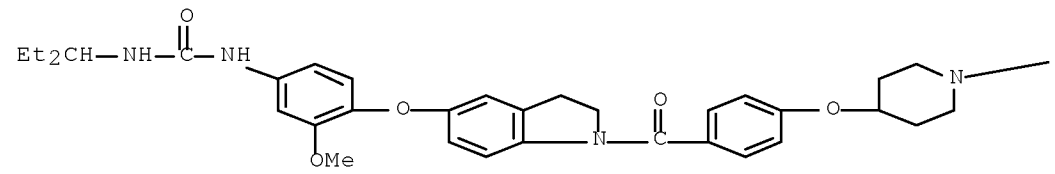
IT 912944-08-2P, 1-[4-[[1-[4-[(1-Butylpiperidin-4-yl)oxy]benzoyl]-2,3-dihydro-1H-indol-5-yl]oxy]-3-methoxyphenyl]-3-(1-ethylpropyl)urea
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(drug candidate; preparation of NPY antagonists and their use for treating obesity, and abnormal food behavior and for controlling food intake)

RN 912944-08-2 CAPLUS

CN Urea, N-[4-[[1-[4-[(1-butyl-4-piperidinyl)oxy]benzoyl]-2,3-dihydro-1H-

indol-5-yl]oxy]-3-methoxyphenyl]-N'-(1-ethylpropyl)- (CA INDEX NAME)

PAGE 1-A



PAGE 1-B

—Bu-n

L11 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2005:1221157 CAPLUS Full-text
DN 143:477861
TI Preparation of tetrahydroquinolinyl PGD2 receptor antagonists for the treatment of inflammatory diseases
IN Ghosh, Shomir; Elder, Amy M.; Carson, Kenneth G.; Sprott, Kevin T.; Harrison, Sean J.; Hicks, Frederick A.; Renou, Christelle C.; Reynolds, Dominic
PA Millennium Pharmaceuticals, Inc., USA
SO U.S. Pat. Appl. Publ., 296 pp., Cont.-in-part of U.S. Ser. No. 678,872.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20050256158	A1	20051117	US 2005-101208	20050407
	US 20040082609	A1	20040429	US 2003-678872	20031003
	US 7211672	B2	20070501		
	JP 2006124396	A	20060518	JP 2005-351372	20051205
	US 20060106061	A1	20060518	US 2005-312960	20051220
PRAI	US 2002-416501P	P	20021004		
	US 2003-678872	A2	20031003		
	US 2004-560410P	P	20040407		
	JP 2004-543358	A3	20031003		

OS MARPAT 143:477861
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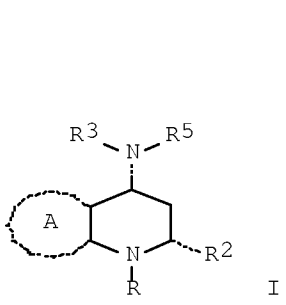

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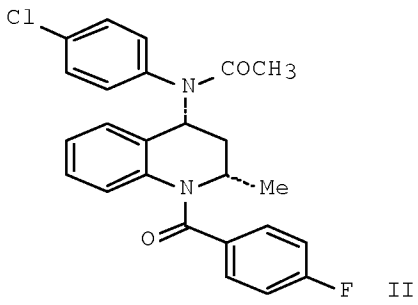


II

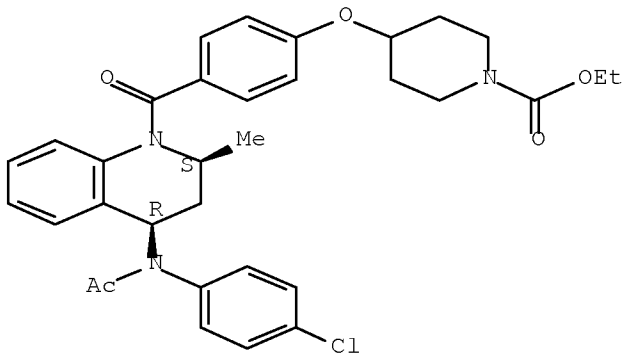
AB Title compds. I [A = (un)substituted monocyclic aromatic ring; R = X1R1; R5 = X2R4; X1, X2 = independently SO2, CO, CONH; R1 = (un)substituted hetero/aryl; hetero/aryl fused to a monocyclic non/aromatic or heteroarom. ring, with provisos; R2 = alkyl; R3 = (un)substituted monocyclic or bicyclic group; R4 = hydroxyalkyl, (un)substituted cyclo/alkyl; and their pharmaceutically acceptable salts] were prepared For instance, acylation of (2S,4R)-4-(((benzyloxy)carbonyl)amino)-2-Methyl-1,2,3,4- tetrahydroquinoline (preparation given) with 4-fluorobenzoyl chloride, deprotection, reaction of the amine (no data) with 4-chlorophenylboronic acid, and acetylation gave II. Compds. I inhibited binding of PGD2 to the CRTh2 receptor; selected examples had Ki < 1 μM. I are useful for inhibiting the G-protein coupled receptor referred to as chemoattractant receptor-homologous mol. expressed on CRTh2 for the treatment of inflammatory disorders.

IT 679808-92-5P
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of tetrahydroquinolinyl PGD2 receptor antagonists for treatment
of inflammatory diseases)

RN 679808-92-5 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[4-[[(2S,4R)-4-[acetyl(4-chlorophenyl)amino]-3,4-dihydro-2-methyl-1(2H)-quinolinyl]carbonyl]phenoxy]-, ethyl ester (CA INDEX NAME)

Absolute stereochemistry.



L11 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2005:1154529 CAPLUS Full-text
DN 143:422264
TI Preparation of tetrahydroquinolinyl PGD2 receptor antagonists for the treatment of inflammatory diseases
IN Ghosh, Shomir; Elder, Amy M.; Carson, Kenneth G.; Sprott, Kevin T.; Harrison, Sean J.; Hicks, Frederick A.; Renou, Christelle C.; Reynolds, Dominic
PA Millennium Pharmaceuticals, Inc., USA
SO PCT Int. Appl., 393 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005100321	A1	20051027	WO 2005-US11643	20050407
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	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2005233125	A1	20051027	AU 2005-233125	20050407
	CA 2561564	A1	20051027	CA 2005-2561564	20050407
	EP 1740547	A1	20070110	EP 2005-733968	20050407
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, LV, MK, YU				
	CN 101018770	A	20070815	CN 2005-80018590	20050407
	BR 2005009668	A	20071009	BR 2005-9668	20050407
	JP 2007532555	T	20071115	JP 2007-507467	20050407
	IN 2006DN05764	A	20070831	IN 2006-DN5764	20061004
	MX 2006PA11540	A	20070126	MX 2006-PA11540	20061005
	NO 2006005107	A	20061201	NO 2006-5107	20061106
	KR 2007002085	A	20070104	KR 2006-723323	20061107
PRAI	US 2004-560410P	P	20040407		
	WO 2005-US11643	W	20050407		

OS MARPAT 143:422264
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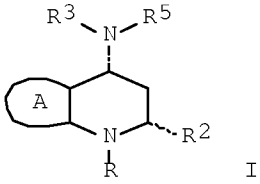

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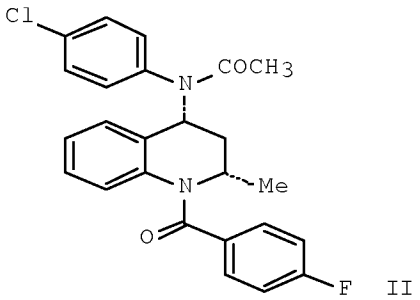


II

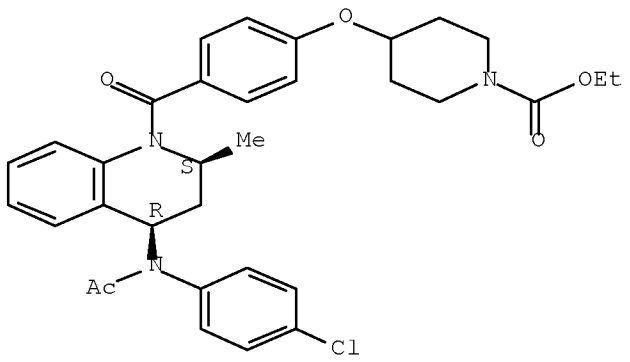
AB Title compds. I [A = (un)substituted monocyclic aromatic ring; R = X1R1; R5 = X2R4; X1-X2 = independently SO2, CO, CONH; R1 = (un)substituted hetero/aryl; hetero/aryl fused to a monocyclic non/aromatic or heteroarom. ring, with provisos; R2 = alkyl; R3 = (un)substituted monocyclic or bicyclic group; R4 = hydroxyalkyl, (un)substituted cyclo/alkyl; and their pharmaceutically acceptable salts; with the exception of certain compds.] were prepared For instance, acylation of (2S,4R)-4- (((benzyloxy)carbonyl)amino)-2-Methyl-1,2,3,4-tetrahydroquinoline (preparation given) with 4-fluorobenzoyl chloride, deprotection, reaction of the amine (no data) with 4-chlorophenylboronic acid, and acetylation gave II. Compds. I inhibited binding of PGD2 to the CRTh2 receptor; selected examples had Ki < 1 μM. I are useful for inhibiting the G-protein coupled receptor referred to as chemoattractant receptor-homologous mol. expressed on CRTh2 for the treatment of inflammatory disorders.

IT 679808-92-5P
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(PGD2 receptor antagonists for treatment of inflammatory diseases)

RN 679808-92-5 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[4-[[(2S,4R)-4-[acetyl(4-chlorophenyl)amino]-3,4-dihydro-2-methyl-1(2H)-quinolinyl]carbonyl]phenoxy]-, ethyl ester (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2005:286362 CAPLUS Full-text

DN 142:456269

TI Discovery of 1,2,3,4-tetrahydroisoquinoline-3-carboxylic acid diamides that increase CFTR mediated chloride transport

AU Hirth, Bradford H.; Qiao, Shuang; Cuff, Lisa M.; Cochran, Brian M.; Pregel, Marko J.; Gregory, Jill S.; Sneddon, Scott F.; Kane, John L.

CS Genzyme Corp., Genzyme Drug Discovery and Development, Cambridge, MA, 02139, USA

SO Bioorganic & Medicinal Chemistry Letters (2005), 15(8), 2087-2091
CODEN: BMCLE8; ISSN: 0960-894X

PB Elsevier B.V.

DT Journal

LA English

OS CASREACT 142:456269

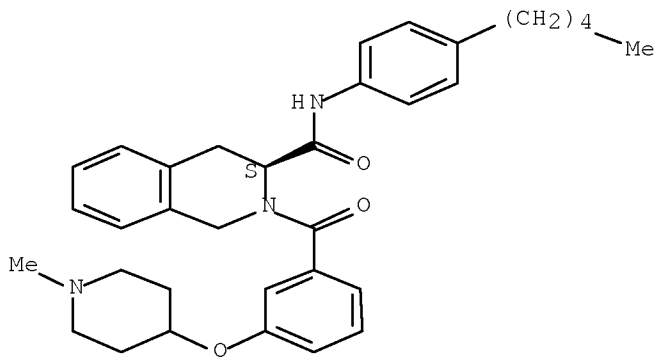
AB A series of 1,2,3,4-tetrahydroisoquinoline-3-carboxylic acid diamides that increase chloride transport in cells expressing mutant cystic fibrosis transmembrane conductance regulator (CFTR) protein has been identified from our compound library. Analoging efforts and the resulting structure-activity relationships uncovered are detailed. Compound potency was improved over 30-fold from the original lead, yielding several analogs with EC50 values below 10 nM in our cellular chloride transport assay.

IT 851777-82-7P
RL: CPN (Combinatorial preparation); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); CMBI (Combinatorial study); PREP (Preparation); USES (Uses)
(discovery of and structure-activity relationship of 1,2,3,4-tetrahydroisoquinoline-3-carboxylic acid diamides that increase CFTR mediated chloride transport)

RN 851777-82-7 CAPLUS

CN 3-Isoquinolinecarboxamide, 1,2,3,4-tetrahydro-2-[3-[(1-methyl-4-piperidinyl)oxy]benzoyl]-N-(4-pentylphenyl)-, (3S)- (CA INDEX NAME)

Absolute stereochemistry.



RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN

AN 2004:370903 CAPLUS Full-text

DN 140:375087

TI Preparation of bicyclic benzamides as histamine H3 receptor ligands useful in the treatment of neurological diseases

IN Best, Desmond John; Orlek, Barry Sidney

PA Glaxo Group Limited, UK

SO PCT Int. Appl., 51 pp.
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2004037788	A1	20040506	WO 2003-EP11650	20031020

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,

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     AU 2003278119        A1    20040513    AU 2003-278119         20031020
     EP 1554243           A1    20050720    EP 2003-769430         20031020
     EP 1554243           B1    20061122
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     JP 2006505623        T     20060216    JP 2005-501524         20031020
     AT 346044            T     20061215    AT 2003-769430         20031020
     ES 2276125           T3    20070616    ES 2003-769430         20031020
     US 20070105838       A1    20070510    US 2005-532373         20050421
PRAI GB 2002-24557        A     20021022
     GB 2003-6328         A     20030319
     WO 2003-EP11650      W     20031020
OS   MARPAT 140:375087
GI
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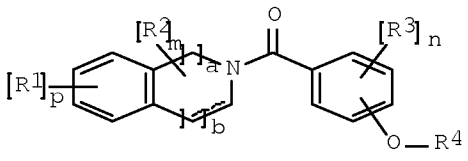

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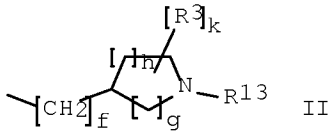

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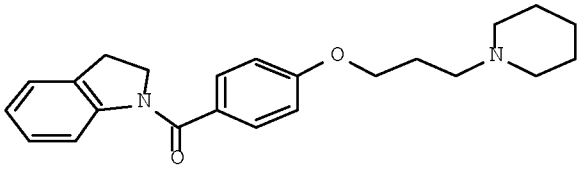


III

AB The title compds. [I; R1, R2 = halo, OH, CN, etc.; a, b = 0-2 (a and b cannot both = 0); R3 = halo, alkyl, alkoxy, CN, NH2, CF3; m, n = 0-2; p = 0-3 (when p = > 1 then two R1 may instead be linked to form a heterocyclyl); R4 = (CH2)qNR11R12, II (wherein q = 2-4; R11, R12 = alkyl; or NR11R12 = (un)substituted heterocyclyl; R13 = H, alkyl, cycloalkyl, alkylaryl, heterocyclyl; R14 = halo, alkyl, haloalkyl, OH, dialkylamino, alkoxy; f, k = 0-2; g = 0-2 and h = 0-3 (g and h cannot both be 0))], useful in the treatment of neurol. and psychiatric disorders, were prepared Thus, reacting 4-[3-(piperidin-1-yl)propoxy]benzoic acid hydrochloride (preparation given) with indoline afforded III which exhibited pKb ≥ 8.5 in the histamine H3 functional antagonist assay. The pharmaceutical composition comprising the compound I is claimed.

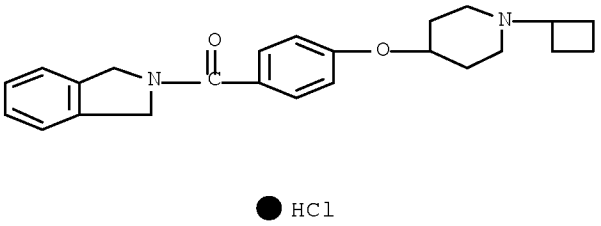
IT 685565-01-9P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of bicyclic benzamides as histamine H3 receptor ligands useful in the treatment of neurol. diseases)

RN 685565-01-9 CAPLUS

CN Methanone, [4-[(1-cyclobutyl-4-piperidinyl)oxy]phenyl](1,3-dihydro-2H-isoindol-2-yl)-, hydrochloride (1:1) (CA INDEX NAME)



L11 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2004:331917 CAPLUS Full-text
DN 140:339203
TI Preparation of tetrahydroquinolinyl PGD2 receptor antagonists for the treatment of inflammatory diseases
IN Ghosh, Shomir; Elder, Amy M.; Carson, Kennth G.; Sprott, Kevin; Harrison, Sean
PA Millennium Pharmaceuticals, Inc., USA
SO PCT Int. Appl., 257 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004032848	A2	20040422	WO 2003-US31542	20031003
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	AU 2003277285	A1	20040504	AU 2003-277285	20031003
	AU 2003277285	B2	20071213		
	EP 1556047	A2	20050727	EP 2003-808144	20031003
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	CN 1720047	A	20060111	CN 2003-80104795	20031003
	JP 2006508077	T	20060309	JP 2004-543358	20031003
	NO 2005001566	A	20050615	NO 2005-1566	20050323
	MX 2005PA03456	A	20050705	MX 2005-PA3456	20050331
	JP 2006124396	A	20060518	JP 2005-351372	20051205
PRAI	US 2002-416501P	P	20021004		
	JP 2004-543358	A3	20031003		
	WO 2003-US31542	W	20031003		

OS MARPAT 140:339203
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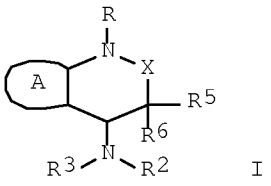

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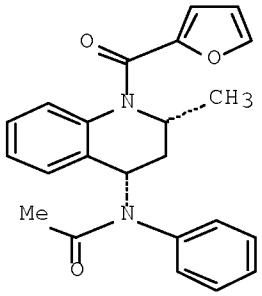


II

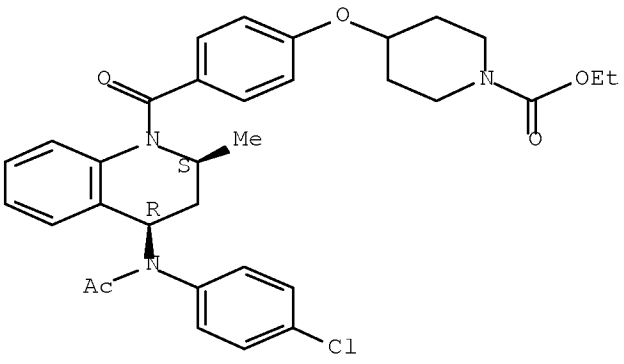
AB Title compds. I [A = (un)substituted monocyclic aromatic ring; R = X1R1; R2 = X2R4; R3 = (un)substituted cycloaliph. group, etc.; X = CO, bivalent alkyl; X1-2 = bond, SO, SO2, CO, etc.; R1 = H, cycloaliph. group, aromatic group, etc. provided that when X1 = bond, SO or SO2, R1 is not equal H; R4 = H, aliphatic group, etc.; R5-6 = H, alkyl] are prepared For instance, cis-4-phenylamino-2-methyl-1,2,3,4-tetrahydroquinoline (preparation given) is acylated with 2-furoyl chloride (CH2Cl2, i-Pr2NEt) and the resulting intermediate acetylated (CH2Cl2, i-Pr2NEt, AcCl) to give II. Compds. I inhibit binding of PGD2 to the CRTh2 receptor; selected examples have Ki < 10 μM. Also disclosed is the use of I for inhibiting the G-protein coupled receptor referred to as chemoattractant receptor-homologous mol. expressed on CRTh2 for the treatment of inflammatory disorders.

IT 679808-92-5P
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(PGD2 receptor antagonists for treatment of inflammatory diseases)

RN 679808-92-5 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[4-[[(2S,4R)-4-[acetyl(4-chlorophenyl)amino]-3,4-dihydro-2-methyl-1(2H)-quinolinyl]carbonyl]phenoxy]-, ethyl ester (CA INDEX NAME)

Absolute stereochemistry.



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